RAILWAY AND COMMERCIAL GAZETTE

No. 401 .-- Vol. XIII.]

LONDON: SATURDAY, APRIL 29, 1843.

PRICE 6D.

DARK END COLLIERY, Forest of Dean, Gloucestershire.—
Messrs. TOPLIS and SON respectfully announce that the SALE of the
BOYE PROPERTY is POSTFONED till Friday, the 28th July next.
London, 16, 8t. Paul's Churchyard, April 24.

Periodical Sale.—Two Hundred Forfeited Shares in the Sark Mining Company.

MESSRS. SHUTTLEWORTH and SONS are instructed by the Directors to include in their PERIODICAL SALE of Reversionary Interests, Ac., appointed to take place at the Mart, on Friday, May is, at Twelve velock, in lots, pursuant to a general meeting of the shareholders, held the 20th of March, 1843, TWO HUNDRED SHARES IN THE SARE MISING COMPANY, warranted free from any call or lishility whatever up to the present time, and lishly only for such calls as shall hereafter be voted at a general meeting of shareholders. The Sark Mises are amply provided with stoam-engines and other machinery for extended operations. They were last inspected by P. N. Johnson, Eq., of Hattongarden, and Capt. N. Vivins, of Cambone, from either of whom information relative to their present state and prospects may be obtained, and every facility and assistance for inspecting and examining them will be rendered by the managing agent, Capt. Prince, on the mines.

Further particulars may be obtained by application to the Chairman of the Chairman of

VALUABLE MINE SHARES, in Flintshire.—TO BE SOLD, BY AUCTION, by Mr. JAMES WILLIAMS, at the White Horse Hotel, in the num of Helywell, in the country of Flint, on Wednesday, the 16th of May, at Two Velock in the afternoon, subject to such conditions as shall then be produced, and

town of Rolywar, is the consider of role, on reconstant, the tent of sale, a two of-clock in the afternoon, subject to such conditions as shall then be produced, and is the following lots .—

LOT I.

THREE SIXTEENTH SHARES OF THE TERPYN LEVEL LEAD MINE, situate at the east end of, and adjoining, the celebrated Talargoch Mine, in the country of Flint. A strong vein of ore has already been discovered, by means of a level, but that not being deep enough to unwater the mine effectually, a second, and deeper, level is now driving. This mine is in one of the best mineral districts, and is esternood a most promising adventure. The ground leaved to the company comprises upwards of 600 acres.

LOT II.

FIVE TWENTY-NINTH SHARES OF THE TALACRE LEAD MINE, which is a continuation of the above, and is worked by means of an old level, which has been recently opened to one of the veins producing ore. Another level is now in progress, and has already been driven upwards of 600 acres. In the ready been driven upwards of 600 acres. Continuation of the short in a short time. This mine is considered a very valuable one, and there is every reason to believe it will very soon be in profitable operation. The ground leaved to this company comprises upwards of 800 acres.

LOT III.

FOUR SIXTEENTHS OF THE BRYNFORD-HALL LEAD MINE, on the west end of, and adjoining, the west-house Milley Mine, near Bodywell.

FIFTY-RIGHT FIVE-TWELFTHS OF 27 SHARES OF THE HOLLYWELL.

on the west end of, and adjoining, the well-asown Milwr Mice, near Holywell.

LOT 1V.

FIFTY-RIGHT FIVE-TWELFTHS OF 472 SHARER OF THE HOLYWELL

Further particulars may be obtained on application to Thomas Harrison, Esq.,

Saitharlwyd, near Holywell, or Mesers. Roberts and Son, solicitors, in Mold.

LIGIBLE INVESTMENT IN FLINTSHIRE.—SHORTLY WILL BE OFFERED FOR SALE, BY PUBLIC AUCTION, unless in the meantime disposed of by private treaty, of which due notice will be given, all that ONE UNDIVIDED THISD PART, or SHARE, of and in all these valuable, pro ductive, and well-known COLLIRRIES, called the EWLOE HALL, MARE HAY, LODGE CROFT, and NORTHOP HALL COLLIRRIES, in the parishes of Hawardem and Northop, in the country of Film; and also of and in all the powerful ENGINES and MACHINERY, RAILWAYS, VERSELS, OVERPAID ROYALTIES, COALS PURCHASED, but yet unworked, BOOK DEETS, and other STOCK and MATERIALS thereunto belonging. These collieries, which are in fall and profit able operation, are held, subject to easy royalties, under different lenses, for various long terms, from Sir S. E. Givnen, Bart, Admiral Dundas, and others, in all and profit able operation, are held, subject to easy royalties, under different lenses, for various long terms, from Sir S. E. Givnen, Bart, Admiral Dundas, and others, in all and profit able operation, are held, subject to easy royalties, under different lenses, for various long terms, from Sir S. E. Givnen, Bart, Admiral Dundas, and others, in all call the many years are yet to come and unexpired, and the lands comprised in them embrace a very large existent of constry.

The beds of coal range in thickness from twelve feet to one yard, are of excellent quality, and are almost without limit as to quantify. The record produce has been after the rate of 50,000 tone per anomals, or thereasons, but a much larger quantity might easily be raised.

The iduation of the collieries is admirable, having good turnpike-roads, connecting them with the kity of Chester and all the neighbouring towns in the principality, they also lis whigh an easy dictance in the River Dee, and, by means of recently made and well appointed railways, are connected with excelsion the principal wharh at Connah's Quay and the Queen's Perty, on the banks of that river, where centre and also in whighin an easy dictance in the ELIGIBLE INVESTMENT IN FLINTSHIRE.—SHORTLY

NO CAPITALISTS.—OPPORTUNITY OF MOST ADVAN-TAGEOUS INVESTMENT.—The ADVERTHERS is destrous of POINVING.
T, to persons of capital and contempties, a most EXCELLENT SITUATION in country of Durhams, where there is a MANGE, divided into four townships, ex-ding ever 90th area, and hounded by a navigable river, all belonging to an oc-stactical corporate hosty excepting 200 or 100 acres of private freehold, and in there is already extandished on secultary to the cross-section of the lift there is already extandished on seculion port, where costs are daily shipped, liftrough which two railways pass—the one to the port just names, and the other may of the first harbours in the kingdoms, with a carolizat dones a more bagainful, itself only serven or eight miles—thus making the transit dues a more bagainful, ladd only serven or eight miles—thus making the transit dues a more bagainful, and the state quality is working, and others are in propersum, such in circular variantion of from serven to fan collect of the manor, and horizon have been con-med in the adjusting parish, but there miles of I. in short, the adjusting surjesh, the condition of the MADE ENDER OF THE INVESTMENT of CAPITAL. If we determine the MADE ENDER OF the MERITH CAPITALIST to consorte his ions attendion.—Any such who may be desirence of the required information may be it on a determine interaction of the manor in the second of the interaction of the manor in desirence of the required information may be it on a determine interaction.

N SALE, VALUABLE COPPER MINES, intrasted in the Bellion Week Indies. "The PROPERTY consists of nearly ONE THOUSAND ACRES of LAND, about a field of which is freehold, and the semalader hold confer adequategorous income. Numerous interaction interactions disconvered on the property, but only one worked, on which a shieft to the depth of forty-dire fadicious has been units, mint accord that levels diving from which operates of 200 hours for home them. This property, pickings, on an accordance, more than 10 per early diving. The locks to the lowest level (thirty faithmens from addit is very large and productive, and worth about 400 per fideling, with overly perspect of improvement in depth.

These are on the property convenient houses for agrain, relieves, and all other houseastly buildings, together with a stram-captor, pitters, cond, and all other houseastly buildings, together with a stram-captor, pitters, conduction, and that the more and the represent of dispersion of the works for anomal limits. "The mines are ultimated near the real and the represence of displaying the use and land carriage do that exceed to yet ton. The whole of the property will be said, or, of more agreewise to purchasers, the present properties will retain some

information may be obtained upon application to $G.\ W.\ Cotton,\ Eng.,$ $urt,\ Lines street,\ Louisie.$

SEYSSEL ASPHALTE COMPANY (CLARIDGE's PAYENT).

— Intuition Miscris, 18td.—The extensive patronage which the reductive MISCRIA, production confinence to receive from the condition of miscris ACCUSTECTS and ENGLISHERS in this concerts from the conditions of from the consumerous definitions compositions which it receives from the conditions compositions which it receives for the proof for it, but which knowledge from the conditions compositions which it receives for the proof for it, but which knowledge from the conditions compositions which it receives for the proof of the public confinence of the proof of the public confinence of the public confinence of the public confinence of the public confinence of the first advance of the public confinence of the first advance of the public confinence of the first first first and first for the first first first confinence of the first fi

COLLIERY, IRONSTONE, IRON-WORK, and FOUNDRY, COLLIERY, IRONSTONE, IRON-WORK, and FOUNDRY, in Clackmannashire.—TO BE LET, with entry at the term of Whitsunday wext, the VALUABLE COAL-FIELD of NORTH SAUCHIE, not a Alica, at present in the possession of the Devon Iron Company. This stoil has been wrought for the last forty years, in consection with the Iron-Works at Devon, and is particularly well adapted for the manufacture of iron. The present workings are confined to two seams—the upper five-fisod and nine foot; but there is an extensive field of the lower five-fioot seam to work, and the splint cost in the property is untrusched, both of which could be obtained by stoking down the existing pits at an inconsiderable expense; beddes these, there are other workable seams in the coal-field will un-wrought. The machinery, utensits, and workmen's houses will be delivered over to the tensant. If required by the tenant offering for the North Sauchie Colliery, arrangements could be made with the Devon Iron Company for obtaining possession at the term of Witsanday of the ironstone, and of the iran-work and foundry, at present occupied by them. In this case, either a lease or a permanent fru-tight will be given to the ground on which the Iron-works are situated, and the leases of the coal and Ironstone will be granted for such a number of years at may be agreed on. The fromstene supplies a considerable quantity of the material used by the present company, and the works being well at unast (or the making of Iron, as well as for foundry perposes, could be considerably extended.

For full particulars apply to Robert Jameson, Esp., at Alica; or to James L. Mitchell, W.S., S. Randelph Cliff—the latter of whom will show the working plans of the coal and fronstone.—Edinburgh, Jan. 14.

INING IN CARGAL MANOR.—PARTIES desirous of OSTAINING SETTS in the ABOVE MANOR, may apply to Capt. Puckey, rd's agent, Fowey Consols Mine, Lestwithiel, Cornwall.

M. R. JOHN KYMER'S PATENT FURNACE, whereby an ECONOMICAL APPLICATION of FUEL is EFFECTED, with RAPID EVAPORATION, and WITHOUT SMOKE—A formace, on this construction, in creceded, and at work, at Mesare. Taskty and Co.'s, 45. Minories, where it may be seen, by cards, to be had on application to Mr. J. M. Suniey, 71, Corubiil, or Mr. II. English, Mining Jurnael Office, 39., First-strevet.

DISSOE - BRIDGE MINING ASSOCIATION. — Notice is hereby given, that a SPECIAL GENERAL MERTING of the shareholders of this association will be held at the George and Vulture Tavers. B. Michael's, alley, Cornhill, London, on Tuesday, the lift day of May next, at Twelve o'clock precisely, to receive a Report preparatory to injusticating and winting up the affairs of the association, unless the shareholders present at such meeting shall agree to advance a further small sum for prosecuting the undertaking.—Bated this 78th day By order of the directors,

BAXENDALE, TATHAM, UPTON, and JOHNSON.

CORNUBIAN MINING COMPANY.—Notice is hereby given, that the ANNUAL GENERAL MEETING of the shareholders of this com-will be held at 44, Finshury, square, London, on Tuesday, the 50th day of May-next, at Two o'clock precisely.—April 15.

MEXICAN COMPANY.—The directors hereby give notice, that the ANUAL GENERAL MEETING of proprietors will be held at the office of the company on Thursday, the 4th of May next, at Two o'clock precisely, in conformity with the Deed of Constitution of the company.

82, Great Winehester-street, London, April 22.

J. M. MAUDE, Secretary.

REAL DEL MONTE MINING COMPANY.—At a Meeting of the proprietors, held this day, the RESOLUTIONS for ARRANGING the LOANS of 1822 and 1828, passed at a meeting held on the 10th inst., were unanimously CONTRIBED.

3, Duke-street, Adelphi, April 27.

3, B.—The holders of Loan Notes who have not already sent their names and addresses to the office, are requested to do so as soon as possible.

TO MINERALOGISTS and OTHERS.—TO BE DISPOSED

MINERALS, SHELLS, FOSSILS, &c.—FOR SALE, a very EXTENSIVE, CHOICE, and HIGHLY INTERESTING COLLECTION, in two cabinets, of fifty-three drawers, comprising many exceedingly cortous relies in femall worder, beein, foc., besides an infinity of entirerate.—For cards to view, and to treat for the purchase, apply personnelly at 54, Cotton-street, Poplar, once Blackwall, or, by letter, to Mr. J. T. Ceely (late with Mr. George Robins), London.

THE IRON TRADE—TO CAPITALISTS.—A GENTLEMAN having a VALUABLE PATENT TO TAKE OUT, where a great quantity of iron (manufactured) will be consumed, will be READY TO TREAT with any PARTY who has influence and capital of command. —Parties addressing to " II. B." (post paid), Mining Joseph M. B. of the parties of the partie

WANTED, A PARTNER, with a small capital, in an ENGL.
NEERING EFFARLSHMENT, is the control of a coal-field, and within a
short distance of a shipping port. One who could render assistance in the measure
most would be preferred.—Apply to Mr. English, office of the Mining Journal, M.
Prest street, London, of whom every particular may be obtained, and reference
from to the principal.

A for the INTEREST ONE-THIRD to a PROPERTY, which not only page full if per cent, on the applied employed at the present encounterf, but holds out and year, and the execution of threating its proceed returns. The term of growth will be required, merely for floating capital, on the advance of which an interest, to the extent of one-third, will be at once secured to the property, on which easily glic, on he above already represent. Ever particulars apply personally to Mr. English, 20, Prest, dreet, London.

SALE OF FREEHOLD PROPERTY.-TO BE SOLD. FREEHOLD PROPERTY in a desirable invality, with restal of all towns, secured by lease, on which a large store has been expended in the extramer's buildings, used for from they and engineering purposes.—Address K. C., " over of Mr. H. English, if, First street.

ERIAL TRANSIT .- The ADVERTISER having, for several A PARACL I RANGE III.— I no ALV REAL INGE DAVING, for several processing and the mechanical English to quite practicants, CONTENTED, in how own model, A PLAN, which, he thinks, enaced that successes, of property exerted ones, but not having confidenced forceds for the purposes, to WILLESO TO DISCLOSE HIS IDEAS, and GIVE UP HALFTHE VALUE of the discovery and its profit to a PATENT and TRYING THE EXPERIMENT.—Address to "B. E. R.," sare of Mr. R. E. Chrandina, channels and droppine, East Toign-mouth.

S. R.—As the adventure has only formed the plans of the machines, and not like moving power, he would profit touching with a practical mechanic.

R USSIAN STEEL IRON—" OLD SABLE "—C C N D.—
The USBERSHENED being the SOLE ACENTS of the Moone, life DEMIBOFF in Engineed, the above MARE OF IRON tree only by OSTAINED through
Close.
GRANAM RECTERRE, 18, 100th others, Mail.

FOR SALE, by PRIVATE CONTRACT, on the ROSEWALL-BILL. MINE, one and a halfmile from fit, Ives, in Cornwall, THERE STEAM.

ENGINES, all new only three years ago; No. 1, a 15-inch cylinder PUMPING-ENGINE, all new only three years ago; No. 1, a 15-inch cylinder PUMPING-ENGINE, in fetal discount of the pump, with all wood work complete, including doors and windows and first piece of connection-roi, No. 2, a STAMPING-ENGINE, on Sima's combined cylinder principle—4 horse power free consumption of coals with this engine never exceeded 22 libs, per house power per hour; No. 3, a WINDING-ENGINE, 25-inch, double power, floution and Wattengine—5 feet stroke, with winding apparatus (ron) complete. The whole of these engines are on the most messers construction, made of the best material and worksomolylay are only one and a half mile from a good shipping port, and may be had very cheap.—Application to be made to Mr. Nieholas Tredinick, of Camborne, to Mr. James Sines, engineer, at Redruth; or to Mr. English, 26, First-street, London. Redruth, Dec. 5.

BOLTON AND PRESTON RAILWAY COMPANY, TENDERS FOR LOANS ON MORTGAGE.—The directors of this company are prepared, under powers of their Acts of Fatlamonnt, to RECEIVE TRIDERS for the LOAN of MONEY, in sums of not less than #200, and for terms of three, free, seven, or ten years, and to GRART MOREGAGES of the said undertaking, and of the rates, tolls, of monies at Ising therefrom, as securities for such loans, bearing interest at the rate of 5 per cent. per amount, INTEREST WARRANTS, for the whole term for which the loan shall be made, will be delivered to the lenders along with the mortgages, and be made payable half-yearly, at the company's bankers in London, or Bolton, as may be preferred. The tenders are to express the sums and the term of years for which the same are proposed to be lead, and to be addressed to the secretary, at the company's office, Bolton

LASTERN COUNTIES RAILWAY.—ALTERATION of April instant, the TRAINS.—Notice is breiby given, that on and after the 20th of April instant, the TRAINS on BUNDAYS will RUM as follow, calling at the intermediate stations ...

DOWN TRAINS.

From London to Culchester—Quarter past Eight (*), Morning; and Three, and Five o'clock, Afternoon.

From London to Contrastry Quarter part legal (*).

From London to Brentwood — Quarter pard Nine, and Ten, Morning; Two, Afternoon; and Quarter before Eight, Evening.

UP TRAINS.

From Colchester to London — Quarter part Eight (*), Morning; Quarter before Two, and Quarter before Food evicek, Afternoon.

From Brentwood to London — Quarter part Nine, Morning; Two, Afternoon; and Seven, and Quarter before Eight, Evening.

(*) These trains do not shop at Mise-end or Forest—gate Stations.

Offices, Shoreditch Station, April 20.

ONDON AND BIRMINGHAM RAILWAY .- CONTRACT

at Twelve o'clock, to RECRIVE TENDERS for the CONTRACTS for the following WORES:—

1. To make the Warwick and Learnington Branch Railway, from the Coventry Station of the London and Hirmingham Railway to Kentworth Common.

2. To make the Warwick and Learnington Branch Railway, from Kentlworth Common to the termines near Learnington.

Draft of the contract, with plans and apecifications of the works, will be ready for inspection at the resident engineer's office, Camden-Lowe, London, on and after May 1.—Printed forms of tenders may be held at the resident engineer's office, and no other will be attended to.

The tenders must be desirered sealed, addressed to the secretary, and endurand, "Tonder for Works," at the office, Easton Station, on or before Twe ordered, a.m. of the 17th May, and parties tendering (or others duly authorized by them) most atread in person at the time of snegling.

The parties whose tenders are secretarly will be required to enter into a bond, with two coveries, for the due performance of their contracts, to a possity not less than two persons on the green sum contracted for, and the esteer into a bond, with two coveries, for the due performance of their contracts, to a possity not less than two persons on the green sum contracted for, and the owners of the proposed sure-ties are to be specified in the tender.

The directors will not bind themselves to account the lowest offer.

The contract, if it a require is, with he framished by the company with a counterpart of his contract, at his own expense.

BICHARD CREED, Secretary.

MICHARD CREED, Secretary.

MIDLAND COUNTIES RAILWAY.—The directors are of their LOAN NOTES, for these years, at indirect the rate of 4 per cent. per annual, to be paid half yearly.

By order, J. F. BELL, Sucretary.

SHEFFIELD, ASHTON-UNDERLYNE, & MANCHESTER SHALWAY.—FUNDERS FOR LOANS.—The directors are prepared to GRANT HORITAGES, under the powers of their Act of Factuament, FOR LOANS OF MONEY, in come of model issue them Arise each, and toe periods of theme, five, or seven years, at the caption of the londer.—Indexessal, at the cade of a per cond, per entrum, will be paid half, pearly, for which interest wayrands will be given for the period agreed on, payable at the company's bankers in Lordon, Manchester, or shaddled. Further information may be obtained at the company's offices in Manchester or theofield, at the office of Meene, Perker and thuilt, collidors, Shedishi, Massalmageless and Stevenson, Manchester, or Mosses Johnson, fion, and Wathersill, Tuniple, London.

Manchester, Feb. 15.

J. PLATFORD, Secretary.

Manchester, Prof. 18.

SHEFFIELD, ASHTON-UNDER LYNE, & MANCHESTER SHAWAY.—EXTENSION OF TIME.—CUNTRACT FOR SUMMET TIME.

RAILWAY.—EXTENSION OF TIME.—CUNTRACT FOR SUMMET TIME.

REIL WORKS.—The discustors of this company are prepared to RECRIVE TRADERS for the COMPLETER'S for the company of the SUMMET TIMES and desire of realway.—Plane, excitons, typundinations, and dead forms of completers, may be seen at the Hadlway Office, it, Forestoller, Manchester, on and engineer of the company, will be for allocations of the roots, to encourage, and and engineer of the company, will be (a stitudening, and Mr. Pordon, the sanitate and engineer of the company, will be (a stitudening) indicated to cortax, to accompany outers for the company, will be (a stitudening) indicated the delivery and will give all the movemany indicated to cortax, to accompany outers for the delivery bare them for cond.

Senied tensions, additioned the tension forcessor.

Senied tensions, additional the tension forcessor, on a rest to the first bar, or at the Rootsfell, Aram, Gioscopp, include the delivery in the same forcessor.

Senied tensions, additional the delivery to be sent to the Office, it, Proceedity, Manchester, on a re-before the 19th May, or at the Rootsfell, Aram, Gioscopp, include accordance on the senior of Western William and the senior forces. Prof. of the senior forces of tension of the senior of the senior forces of tension of the senior forces of the senior forces of tension of the senior forces of t

BANKS'S PATENT RAILWAY WHEELS.—Monays, away to a sway to an a License, from Money, Banks and Petries, for URING the ABOVILL heroing below a Licenses, from Money, Banks and postedid to the addressed for fisces, at their works, Milwest, Propier, where all indicesses from time the acquired. Corp Globa, it, Abelsarth.hame, April 98.

MPORTANT TO INVENTORS AND PATENTEES. BLUE LIAS LIME AND CEMENT.—A DEPOT is OPENED for the RALE of the ABOVE ARTICLES, FROM No. GREAVEN CELE.

For the RALE of the ABOVE ARTICLES, FROM No. GREAVEN CELE.

REATED QUARTER, Boothem, Warmenteine, and the cases have offered and presentations to their temperature from membership (DISTANCE AND PRICE)

AS LIME FROM DUELEN. A which is to very few conservations, and the control of conservations which have not conserved and articles of the control of conservations which have not conserved and articles and the control of conservation which have not conserved provided to the control of conservation which have not conserved provided to the control of conservation which have not conserved provided to control of conservation which have not conserved provided to the control of conservation which have not conserved provided to the control of conservation which have not conserved provided to the control of conservation which have not conserved provided control in law from imperfect which have not conserved provided control of conservation of the control of conservation of the control of conservation from the control of conservation from the control of conservation from the control of conservation of the control of conservation from the control of conservation of the control of conservation

SSIAN STEEL IRON—" OLD SABLE "—C C N D.—
The UNDERSIONED being the SOLE AGENTS of the Memory, by DEMIEngined, the shore MARK OF IRON can combine the OFFICE ASSESSMENT OF THE STATE OF TH

PLUVIATILE DEFUSIT IN THE VALLEY OF THE REA.

In the course of the formation of a junction beauch of the Warwick and Sirving and Casai, from the Fundey Canai, at Salford Bridge, to join the Warwick Canai sear the Camp Hill, Londs, while excerving the part of the heavier of Canai sear the Camp Hill, Londs, while excerving the part of the heavier of the passes through the valving of the Heavier of the control of the passes through the valving of the Canais, early the passes through the valving of the control of the control of the passes through the valving of the control PLUVIATILE DEPOSIT IN THE VALLEY OF THE REA.

EXPERIMENTAL RESEARCHES IN ELECTRICITY

EXPERIMENTAL RESEARCHES IN ELECTRICITY.

On the Ricetresty Ecolord by the Frietian of Water and Means appeared the Important The object of the appearements related to this paper in tortace the source of the electricity which accompanies the issue of atoms of high pressure from the reasons in which it is contained. By means of a suitable appearator, which the suther describes and definences, he found that electricity is never savited by the passage of pure storm, and is manifested only when water in at the same time present; and heads he concolledes, that it is altogather the effect of the friction of globules of water against the sides of the opening, or against the substances opposed to its passage, as the water is rapidly moved ownered by the correct of storm. Accordingly it was found to be increased in quantity by increasing the presence and impelling force of the stream or water positive, and the solide, oil whatever nature they might be, negative. In overtain elegance from the orifice whose it has issued, the missing of stream, a second or the stream of water positive, and the solide, oil whatever nature they might be, negative. In overtain elegance from the orifice whose it has issued, the midd substitute the positive electricity already acquired by the atoms, and or which it is then movely the recipient and the conductor. In the manure, the remaining the econductoration of the atoms the water, and the temperature of the passages to through which the atoms for read. Heat, by recepting the econductoration of the atoms then water, likewise provents the remains of all the economic for the manure, the remains of allors in the conductory of the passages to as the resistor the water which is never the first in eventual or abstract any the present of allowing the production of allors in the conducting power. Water will not carried any eventual and expension of allowing in small, licent to destroy this proquent, and the the architecture, which its action of allowing on any time of allowing the such as a treatment

of Chine, Paterial and Description. In monthly parts. Done and

there of China. Pictorial and Absorption. In monthly parts. Lean and h. Lambon.

Lin words, which is nonrecord for completion in seven monthly parts, is seedingly wall get up, and, from its overeity, promises to become propular, change for every. as it the apass develop to a history of China, even edge to these forevery, as the passes develop to a history of China, even edge to the foreign of commendation, and, as such, is highly deserving of commendation, as as between the three are well concerted, and reader it a pheasure of the three parts the manual are well as accorded, and reader it a pheasure well as the observation, to enhance the want are well as accorded, and reader it a pheasure and the three parts and processes to one consistent to other marine is not of annex on his se the publication has not proposed, it is insert of according to the according on the second produced to a passasses or according to the second produced to a passasses or of according indiversation to conting on the second produced to a passasses or of according indiversation to conting on the second produced the attention of some than was been been been also been price at the the passasses of the pass

which the publication is issued about a since country a large sain, set he advect to fine section.

One was Varytoi, a vector or this area than the property of the section of the large said a payer on the school at the florage backlesses, on the 5th least, Actor some present country is not the publicacyte of lighting apartments, lightinesses, florage and the compresses in and passing of the publicacyte of lighting apartments, lightinesses, florage and the compresses in a section of the section of the section of the production of the production of the section of the sect

TALACRE COAL AND JRON COMPANY.

COURT OF ALBERTAN AFRIL 22.

The committee of Alderman met this day to proceed in the investigation of the storyes against Mr. Alderman Thomas Wood, in relation to his conduct while solicitor and officer of the Talacra Coal and Iron Company.—Mr. W. H. Ashurst (the present solicitor to the company) was present in coase-

quence of a summons he had received.

The CHAINMAN (Mr. Ald. Brown), after the minutes of the last day's proceedings were read, made some observation to Mr. Ashurst, which we could not catch.—Mr. Ashurst said be attended the committee in consequence

The Crainman (Mr. Ald. Brown), after the minutes of the last day's proceedings were rend, made some observation to Mr. Ashurst, which we could not catch.—Mr. Ashurst said be attended the committee in consequence of their request, and was rendy to answer any questions, but he objected to place himself in a pasition that would render him liable to Mr. Wood. He did not object to produce any book, but he declined to give evidence usless Mr. Aid. T. Wood wished it, especially as the committee had no power to protect him in his evidence. He said, also (as we understood), that he was anxious out to be called upon to give evidence on the narrow question miscell in the didders, which he believed the exometitee proceeded upon, for they did not emilistic their singuisty, which he believed the exometitee proceeded upon, for they did not emilistic, which he had no objection to the inquiry, and Mr. Ashurst to those efficients, and Mr. Aid. Thomas Wood (who was attended by the Willer, the solicitor, and Mr. Abrant was the same substituted to the committee, pursue his own course.

Mr. Ashurst was then examined by the Chranman.—He produced the shore, transfer, and two minute books. The original minute book he had not expected the shore, transfer, and two minute books. The original minute book he had not object to the first of October, 1930, and he had a copy of the Dublin minutes from 1st Jane, 1830, but they were not all.—Mr. Aid. T. Wood intinated that Mr. Chappelow had here.—Mr. Ashurst believed all Mr. Chappelow ever had he had then; when he became concerned, he now the importance of these first minute books, and applied to the secretary and Mr. Wood for the bublin minutes from the had then; when he became concerned, he now the importance of these first minute books, from Mr. Wood for the books he had, somewhere the committee.—Mr. Ashurst had advertised in several papers, but without success, and would not seen it. He then offered a reward for like 50°F. Late 1830, being a meeting of the rectures—present, Wood and others, w

Lordon, Jonescy 21, 1640 Gauvanes, -We request you will driller to George F. Baker Jan 2817; poor bacca in your company, being part of the amount of the purchase of the Talo

property.

Addressed to the directors of the Talacre Cool and Iron Company, and signe Thomas Wood, Warwick Waston, John Davis, William Hodges, J. E. Hynds And others.

statemen programment, using and the amount of the partners of the Statemen and the Amount of the partners of the Amount of the Partner Coal and Unc. Company, and signed by Promes With, "Great Works ("weath, "West," John Jan. May be a partner of the description of the Partner Coal and Unc. Company, and signed by Partners of the Amount of the Partner Coal and Date of the Amount of the Am

METALLIPEROUS DISTRICT OF CARDIGANSHIRE-No. II. The curface of the ground rises from a series of hills of 200 or 300 in height, on the margin of the sea, gradually increasing in size, until reach the highest meastain range, which is from 2500 to 2000 feet in height. This ground is broken through by two rivers, the Rheidol and the Ystwyth, which cromes it in deep ravines, evidently broken, to which the sides bear evidence, and seem as if they would fit each other if they were brought together. The general channels of these rivers are east and west, often varying from this direction, and thereby affording facility for tion of the veins and other subterraneous phenomena in their line. On the Ystwyth the most western mine is Grogwinion. On the right bank, mile and a half further eastward, are the Lisburne Mines, and three mi still further eastward is Cwmystwyth; other mines are on the banks, but as these are the principal starting points of different ranges of mines, it will not be necessary to advert to them here. The whole of the rock form the mining district has its divisional planes northward and southward, which planes are more or less perpendicular, and on the bearing of these divisions or joints, if the Lisburne Mines be taken as the starting point to the south-ward (on a line magnetic north and south), will be found the mines of Glogfach and Esgar Mwyn, and to the northward a series of fifteen raines in as many miles, taking in almost all the great mines of the county, and running into the sea near Talybort. The other two ranges mentioned under the lines of Cwmystwyth and Groginion have not been so extensively developed—the only mines are the Cwmystwyth range being Graje goch, Nan-ty-crie, and Esgar-hir. This line runs to the custward of the other mines, its direction being about a few degrees west of true north, and eventually will, no doubt, afford a number of extensive mines, as the veins are larger, and better filled with metal, than those in the lower hills, although the latter have been more sought after, probably from their being more sheltered in rinter, and nearer the shipping ports.

[We regret that the avocations of our correspondent preclude him from entering more fully on the subject, but, as we are led to expect an extended paper will follow, treating more generally on the vast district to which his attention is directed, we give insertion to the preceding notes.]

(In noticing such new advectures as may from time to time be been white, it is hardly necessary to observe, that we must not be conside no admit the correctness of the information energed (which, unfilter requires much cautious investigation), but merely lay such pare readers as we may glean from prospectuses, advertisements, actions to, and make them advantated with, the subject.

CULLENTRAGH PARK LEAD MINING COMPANY.

This company is being formed for the purpose of working a lead wine on the catate of Cultentragh Park, in Gleassalure, in the county of Wicklow, the property of the Earl of Meath. The Gleassalure lead mine, in the townland of Ballinafiachogue, adjoins, and the same veins intersect this sett, and has been worked almost without intermission for eighty years, with great success. The water-power of the River Avonby, immediately adjoining, is more than adequate to put the mine down to a requisite depth, as well as for stamping, crushing, &c.; it is proposed to divide the undertaking into 1000 shares of 5f. each, with an immediate call of 3m, per share—830 to be disposed of for a working capital, and 170, considered as paid, to be reserved as a compensation for the mine and the various expanses; it is to be managed by a committee of three, chosen from the shareholders, and the department in London and at the works to be conducted with the strictest economy.

London and at the works to be conducted with the atriciest economy.

CORNWALL COUNTY AND GENERAL TIN AND COPPER MINING ASSOCIATION.

This company is formed for working its and copper mines in Cornwall; they have already engaged the Wheal St. Aubyn tin and copper mine, in the parish of Crowna; it is stimated within five miles of the principal barbours, where all materials is sectioned. St. Aubyn tin and copper mine, in the parish of Crowna; it is stimated within five miles of the principal barbours, where all materials is sectioned. Some most productive mines are in the immediate neighbourshood—Cara Bren, Wheal Vor, Godolphia, Binner Downs, Cook's Kitchen, &c., and some of the richest lodes pass through it. Several tin and copper lodes have been discovered in the sett; as add of 200 fathous has been direva, and a considerable sum already laid out is sinking shafts, &c. &c. The mine has been inspected by Captains Mark Ren., of Wheal Vor, W. Sincock, of Treleigh Consols, John James, of Gurnett's Head, and S. Hoboan, of Wheal Chance, all of whose reports are strongly in its favour, and recommend the company to lose no time to setting to work. The company's agants are now in treasy for other mines in the county, hitherto only partially worked. The capital is to be 100,000£, in 10,000 shares of 10£ each, deposit 1£ per share—the shareholders to possess the unasual privacy of ciccuing the directors from their own hody, at a sweeting to be emissioned or fail operation, and so shareholder will be liable beyond the catent of his share.—[Qs. En. M. J.]

ON THE USE OF IMPROVED PAPIER MACHE. EST S FA CATAFAF THE WORLD

Though the manufacture and use of paper for the enrichments of ceilings, occasies, &c., is but little known to the generality of the public, it has been, for nearly 200 years, considerably in vogue, and has become, it the hands of Mr. C. F. Bleiefeld, of Welfington-streef, Strand, a manufacture of some considerable importance. Though the name is Preach, there is no doubt, however, that the invention is of English origin, and the particular circumstances which gave rise to its adoption for architectural purposes are well worthy consideration. With the Elizabethian style cariebed plaster estings became general, and, in the more classic, or Italian, retise that followed, the same material was still more extensively brought into use; as the art advanced plaster became substituted for carved panelied walanced. Polings of the highest relief, and of the releast character, may will be found in many edificas remaining of the expression and buginsing of the eighteenth centuries. These enrichments were modelled by the hand on the sturce, in its place, while in a nost and plastic state; this work was obliged to be executed with rapidity, to prevent the stuceo from setting before finished, and it was, therefore, necessary the operator should have some of the qualities of an artist, having, in a great measure, to dreign as well as extracte; this tended to limit the number of workmen, their pay came to be proportionably large, they some assumed a consequence for above their rank is life, and it is even asid they have been seen coming to work with swords at their sides, and their wrists adorned with lace critics. These practices were, of course, productive of humbility and convenience, and when, at length, the workmen three wide all restricted, and the preparing the pain of paper became greatly exercit to other contrivances, to majorate the state of well-side of majorates, and their works and convenience of the paper became greatly expressed the old mode of working is stincen. The substitute of the two of the part of the state

JEPPERY'S MARINE CEMENT.

At minte meeting of the Society of Asts, Mr. Whishaw rend a paper on Mr. Jeffery's marine glow, the peculiar properties of which are, its being fascionable is and impervious to water, clastic, as as to expand or contract, according to the etrain on the timber, or the changes of temperature, sufficiently solid to fell up the joints, and add strength to the timber construction, and adherics, so as to connect the timbers fronty together. Several practical experiments have been made in Woodwich and Charkam Dockyarder, among these may be mentioned the following:—Two pieces of African oak, is lacked tong, by 6 tackes which, and 4 jackes thick, were joined together insgitudinally by the marine glue, with a boit of 14 lock in diameter, passed through each of them from read to end. The day after the marine glue had been applied to the extent of alsochem tean, at which point out of the boits broke, but the junction of the wood by the glue remained perfect. Two boits of 14 inch in diameter were inserted on the following day, and the strain mas again applied until it reached twomy-one tone, when one of the boits were trained by marine greater, and apparently not affected. Another experiment was tried with two blocks of African cale of similar diamentions, but holded in a different manner, an as to apply the strain of right angles to the previous made with the glue at the country. The wood split of a strain of the tone, but the joint remained perfect. The glue one was applied to the continue of the water in the strain of the tone to the fellowing day of the charge of the docky and the strain of the tone, but the joint remained perfect. The glue one can was applied to they are inclined as a described of the docky of the short of the country of the docky of the short of the country of the docky of the few that the effect of concurrent plant of the docky of the short of the competition with one is necessary feet above the ground. From that elevation they were precipitated on to the ground and which th has compositions design due to a substitution for copies of westerning content was applied in content prices. In the reachest point in the fore other of the content point of the fore other of the content point of the co

MINING OPERATIONS IN SPAIN—No. II.

In continuation of the extracts from notes with which we have been favoured, we offer the following abstract having reference to misses in the Asturias, regretting that space will not admit of a more extended notice, which, however, with other materiol in our possession, will appear in our next. In the mountains of Caldueno, La Montana Reca, La Montana Carones, La Montana Bora Vista, La Montana Reca, La Montana Carones, La Montana Pelegeroses, are copper lodes of much promise, producing near the surface, which is called La Suerte. This is a north-east and south-west lode, with a westerly underlay of three feet in a fathous. These mines are now being opened by Spanish capitalists. The matrix here, as well as in all the mountains in the Asturias, is principally lock. Lodes, varying from one to six and nine feet big, with rich leaders and courses of orea, yielding several tons per fathom. These mines are situate near the north coast, and within short carriage of the navigable river and port of Riba de Sella—ten leagues east of the port of Gijon. In this province, and in the vicinity of the towns of Arriondas, Infeste, and Artiquerus, there are numerous veins of lead ores, rich in their produce, and many of them yielding silver, from 15 oz. to 120 az. silver in the ton of ore. Il abounds with an abundance of the richest class of iron ores and coal, and in the vicinity of the city of Oviedo particularly, coal is produced of excellent quality, where there are active operations going forward in enabling a railroad to export that article from the port of Gijon. Cobalt and cinnabar are found of the richest quality in the mountains of Asturias, as also amber and jet.

IMPERIAL BRAZILIAN MINING ASSOCIATION.

IMPERIAL BRAZILIAN MINING ASSOCIATION.

IMPERIAL BRAZILIAN MINING ASSOCIATION.

We are happy in being able to state that, notwithstanding the low produce of the mines during the past six months—in fact, the analiest ever known—the directors are enabled, and it is their intention at the ensuing meeting on the 11th of May next, to propose a dividend, out of actual profits. This has been effected by the strictest economy having been adopted in every department. Some few years since it took 600 the. of gold, or about 18,000 t. sterling, to pay the half-year's expenses; while, with the produce of the past half-year, of only 369 line, they have realized a profit sufficient to declare a dividend; and it is conductally expected that dividends will again be paid at regular intervals. The present appearances of the Cumba Mine are more encouraging than for some time past, and sanguine expectations are formed that below the sixty-two fathom level this mine will prove highly profitable to the shareholders.

PRODUCE OF COPPER MINES IN CORNWALL.

OR THE CORRESPONDING QUARTER ENDING MARCH 25, 1842 AND 1843.

De	to.	Ore.		Pri	ce.	Prod.	Stands	ard.	Fine	ces		Amor	ant.	٠.
18	44.	Tons			4.			4.	Tone	C CY	et.			а
Jan.	A	4555		5 49	6	. 71	114 13		340	- 3		27,124	11	
	12.	2405		6 13	0		118 4		362			16,119	13	
-	9.00	2485		4 4			113 2			18		14,637	. 19	
	96	5461		A 13			115 6		253	19		19,750	7	4
Feb.	2	2628		5.10		. 20	114 17		187	19		14,342	14	
10	9	2429		6 19					218	19	****	14,043		
	28.	2429		6 4			142 9		. 249		****	18,677	14	. 4
Mar	2	3044		A 1	6		100 17	0	219	. 8		15,019	10	
-	9	4904				. 74	100 0		347	- 9	***	26,213	28	٠
**	16	2296		6 2	6			0	199	4		14,168	118	
-	28.	2978		3 9			106 12		224			18,277	10	14
	-	saltistant's		-	market 1				-	-		-	-	
		39474		FS 14	114				2602	34		195,574	13	4
164	12.													
Jan.	6	4395		. 7		70	125 A	::::	829			294,148	**	
	15	1796		4 .		7				18	A-0 0.9	\$11,000		
**	20	2176	****			78	128 2		180	. 6	50 00	18,618		٠
64	27	3433		a 7		64	124 18		THE	- 1	2865	16,614	134	
Feb.	8	3429		4 9	A		lug 16		204	- 6		19,904	18	
	16	12%		4 17		76	124 8					7,040	- 2	N
	17	1144	** **	6 8		74	116 18		86	- 8		7,000	- 2	
	24	8811	* * *	b 16		74	117 10	@ to 1	219		****	19,126		
Mar.	A	3594		A 10	6	20	119 Ih			4	4.15	19,504	8.0	9
	10	DAKE		A 19		21	110 3	Ø	266	19	12.11	18,179	18	
86	17	2214		8 4	0		118 H 118 H	W	178	17	1111	18,187	. 8	0
0.0	24.	SETN		8 5		7	114 17		285	- 6	10.88	17,641	1.8	
-		supplies of		-	eller				nonemak.	-	7	spanishing and	mer's	-
		32944		FA 8	104				2344	- 8	-	190,496	1.8	۰

PROCEEDINGS OF PUBLIC COMPANIES.

REAL DEL MONTE MINING COMPANY.

REAL DEL MONTE MINING COMPANY.

A special general meeting of the shareholders was held at the offices, 2. Dake-street, Adelphi, on Thursday, the 27th instant, for the purpose of confirming or reaciading the resolutions passed at a meeting on the 10th instant, Mr. Whay in the chair.

The Chairman observed that, as this meeting was called for a specific purpose, no other proposition could be exteriained, and, should be resolutions be rejected, other weetings must be called, and the same ground must be gone over again.—Mr. Phillips must be called, and the same ground must be gone over again.—Mr. Phillips in the scentary, then read the advertisement convening the meeting, and also the resolutions adopted at the last meeting, expinining the plan for the capitalization of the loans, which will be found in the Journal of the 11th of March.—The Chairman's having put the question for the confirmation of the minutes of the last meeting, which was carried without any disnest, observed that weither of the two gentlemes who had all along opposed the plan were present on that occasion; but he would inform the meeting that he had seen one of them (Mr. Heath), who stated that he had never one of them (Mr. Heath), who stated that he had not provide the poposition, nor chough he take any steps for a Chancery suit, which had been threatened. He was not in passession of Mr. Godderl's sentiments at present; but he keeped they were as amicable. He considered time genticions had acted vanachisticatiy, and, as they had fought the battle bravely, they deserved credit far it. He thought the plan the best that could be adopted; they should take the earliest apportunity of earlying it out; and he trusted the prospective of thanks was then passed to the chairman and directors, and the meeting separated.

BLAENAVON IRON AND COAL, COMPANY.

The resinance of the Supic, a 60-gan ship, and of the Trafelper, 190-gan with the new post together with give, and the moneument of the Corogen, are reducing from a 10 th a 1s-gan ship, and of the moneument of the Corogen, are reducing from a 10 th a 1s-gan ship, are in progress of looks gains, status, the same that appear in the passage of the pass

INSTITUTION OF CIVIL ENGINEERS.

APRIL 25.—The Primidenty is the chair. The minutes of the dission gave some cound practical resistric upon the Ginagow Water. Wo by Mr. James Simpson, in which he stated that when filtering medium properly disposed, the impurities suspended in the water were arrested a near the planes of lagress, and that, therefore, filtering-heds should be extensive surface, in order to allow of the process being as slow as possis and that by following this system, he had not found it necessary to the the mass of the materials composing the filtering-heds during sixteen ye had only to change the surface.

The Secretary then read an account of the brickmaking at the Illetchia Tunnel, by Mr. F. W. Simms. This part of the Dover Railway was not by contractly it was, therefore, necessary to make extensive proparations y viously to commencing the work, and of these a good supply of bricke vito principal. The clay for making them fortunately abounded immedial above the line of the direction of the tunnel; the brickgrounds were, the force, outshished near the several shafts which were used for the canavail Drying-houses and kilns were also erected for manufacturing during winter, and from the details given in the paper, every care appears to been devoted to unsking the bricks in the best as well as the most econocal manner; accorate observations were recorded of the cost of every so rate process, with the time occupied; and the result was, that during winter of 1840, and the following summer of 1841, apwards of 14,000, bricks were made of a superior quality, at a cost of 21, 1s. 64, per 1000, thricks were made of a superior quality, at a cost of 21, 1s. 64, per 1000, the first was the the shafts, which was a little under the cost allowed for in the quality of the second comparison when the two moders of "supp monditing," and "anadstock monditing," and grany details of use for convultation for engineers or architects. As a mated discussion exaced, in which many useful practical polata were elicit The f

NATURAL AND ARTIFICIAL COAL.

NATURAL AND ARTIFICIAL COAL.

During the last week a series of very interesting experiments have made at the Polytechnic Institution, to test the value of a new species of tifficial cook; invented and patented by M. Jonetin Cooke, fisq., as some with the best natural anthracite. Mr. Cooke's specification and having yet enrolled, we cannot state what the component parts of his coal are, is understand that it is chiefly made up of the refuse of average small New coal. It has a very compact appearance, hurns brightly, has no tenden caking, and yields a very small portion of ashes. The experiments were caking, and yields a very small portion of ashes. The experiments were caking, and yields a very small portion of ashes. The experiments were caking and yields a very small portion of ashes. The experiments, whis with the patent coal, for whole days at a time. From the results, which is the following table; it will be seen that the difference of coastion, though not great, was in favour of the patent feel. It must be recommend, however, that while the average small Newcastle coal coats its. 23d, per ton in the Pool, the heat Weish coats 17s. 1id.; what the refuse of the foremer may be had for we do not know, but we should suppose for the foremer had one-half as much. To the gain, therefore, in point of quasimant be added the still greater gain in point of price; on that the different above of the patent full must altogether be very considerable.—We are the foregoing from the Mechanics' Magarciae, which also gives the folions the results of the different experiments;—

Government.

				-	J ui	MILITY	1 008	BURN	red.	Avera	o pressure.
						ewt.				184	per took.
No. L.	Weish	******	 	 43.5				14	*****	******	36.9
No. 2.	Welsh.,		 	 		4				*****	14'3
No. J.	Cooke's	fügf	 	 1155	0.51		- 8				24.8

NEW PATENTS FOR APRIL.

(FROM MERSON, SOURCESSON).

N. H. J. Francois, Couste de Crony, Edgeware road, Midd proveneers in rotary jumps and rollary steady engines.

R. Faraday, Wathour-aireet, Sohn, gas fitter, the improveneers gas-burners, and burners for consonainty off, Indows, its. 'Bids life S. Brown, Sot., Blackbooth, Commander in her Majardy'scents in the construction of break waters, and to construction burners and beacons, fixed and finaling, and in apparatus contains in anchors for monoting the mans, which are applicable to J. Sylvester, Great Roscott street, Middlesen, undirect, for in producing ortaneousla our faces on or with from applicable to increa, and other uses, and fire improvements in monifying ter F. Hills, of Depthord, manufacturing chemist, for certain impoliers or generature, and in inscending the certain impoliers or generature, and in linearing chemistry, or certain impoliers or generature, and in linearing chemistry.

otives, and other uses, and for imprevenients in tamiffying trains. F. Hills, of Depthrod, manufacturing chemist, for certain imprevenience of generators, and in humanostive carriages.

G. J. Young, Bostock-street, Old Gravel-lane, Wapping, engineests in the construction of capputes.

J. Bordell, Jean, Oak Farm Hom. Works, man Budley, trumma ments in manufacturities have of trees with other medials.

R. and W. Hawthorne, Newmania-on-Tyan, civil cogiments to tensor common to the competition of approximation of the cappulation of the intervenience, for ments in tensors, for engineer, and other medials.

J. Minhell, Calendes, Corawell, for tengor-remembe in orderating in hismorils, and other medials or minerals, from the order applicable to other Jahrice made of through engineers, for the control of the cont

per resonnia in gene meters, Corumi garden, tim pinks worker, for on J. G. Hodson, Mancheder, engioner, for certain improvements in for on season augmentation of certains of the pinks worker, for on season augmentation certains to be uned topic relievay. In modifie engineer and in apparation for propelling the same a season, and also in etalement; and in apparation to be connected the rewith for pumping water, reinforced for blowing or exhausting all.

J. Rand. Howland street, Finency appare, and the low interesting to the same of the and other soft gentle toine.

T. Gram, Lewisham, Kard, patrets four manufacturer, and F. C. Warlindstreet, gamb, for improvements in the manufacturer of final, and in quarking mental and the same street, for improvements in the annalisation of the same street, and matchinery for propelling variety.

J. Julianton, Eng. William Fack, Girrenovik, for improvements in the count of street, some contributory for the count to examinationary of pipes and torre, and not in apparent manufacturer of the count to examinationary to the count to examination plant, evel engineers, for improvements the industry of the count of examination of patrets to the varieties perspense.

P. C. M. Vinientie, Leinenstein equate, lake advants, for improvements the water before any country of automatical and other constitution of the improvements the water for the country of the country of cell manufacturer, Bedford, from parent pour, for improvements the water pour constitution of the street of the sense in the country of th

A T a MEETING of the SOCIETY FOR THE ENCOURAGEMENT OF ARTS, MANUFACTURES, AND COMMERCE, on Wednesday
resuling, the 24th of April.

"The fiscretary having formally announced the death of his Royal Highness the
Dake of fisseex, who lind precided over the society for twenty-seven years.

Ordered—That the mediateholy amoronounced made by the sacretary he cutered
us the microtes.

Dráseed.—That the formation of amount of the first meeting offer the death of their ill-the mineries. He accider, at this their first meeting offer the death of their ill-strious precident, a smoot refrain from thus recording the deep sense they enter-in of the loss they, in common with the whole emptre, have savained by the ac-ciding dispensation which has removed from his high station a princip, not more struggished by his birth than by his disperiminating patronage of all implications lemined to promote the indepents of literature and science in their various de-riments, with an expectal view to the practical advantages to be derived from on by the positio.

insertis, with an expensive reasonable rate in a perticular manner honoured during leadwarf. First this society, having been in a perticular manner honoured during endy seven years by the consistenteeding and effective occupation of its presidenticals by his late Royal Highment, feel themselves bound by every mostlys of duty I gratifisate to been this their homesic and monorednily sincere tribute of respect to memory of his Royal Highment feel rate president, leading—That is accordance with the sociaments of moligned grief entertained the social rate of the

A NUITIES.—In the AUSTRALASIAN COLONIAL AND NNUITIES.—In the AUSTRALASIAN COLONIAL AND GENERAL LIFE ASSURANCE AND ANNUITY COMPANY annestrants participate in the profits of the company, and receive a rate of sameiny mech more lavourable than can be granted by any company making its investments whostly in Ragiand. The company is considered sensoring to grant those tyroscapite terms from the advantage it possesses of investing a portion of its funciant a high rate of interest.

Edward Barnard, Reg. J. R. S.
Henry Birckin, Reg. J. B. Montre Gove, Eng.
John Henry Capper, Reg. J. H. Rovershaw, Eng.
Gideon Carpebran, jon., Reg.
Business—The Union Bank of Lendon.
Colonial Bankana—The Bank of Australasis (incorporated by Royal Charter, 1915), No. 7, Moorgate sizes.

Fivietaw Dr. Francy, 87, Guildord street, Inscell aquase.
Businessan Dr. Francy, 87, Guildord street, Inscell aquase.
Businessan Dr. Francy, 87, Guildord street, Inscell aquase.
Businessan Dr. Francy & Grant Bank of Lendon.
Recaracy—Edward Ryley, Reg.

expectures, with tables, forms of proposal for the purchase of an annuity or for log an association, and every information, may be obtained by application at the of the company, No. 129, Bishopsughe street, corner of Corabili.

UROPEAN LIFE INSURANCE COMPANY. No. 10, CHATHAM-PLACE, BLACKPRIARS, LONDON. Eldublished, January, 1819.

PRESIDENT - No. JAMES RIVETT CARNAC, Bort., Rook Cliff, Lymington Vice. Passiony-GEORGE FORSES, Eq., 9, Pitsroy-square.

Vice. Passiceve—GEORGE FORRERS, Ecq., 9, Fitzey-equare,
preserves.

Thomas Henry Cail, Ecq., 1, Mount-street, Greevene equare,
John Sivett Carner, Enq., 41, Seronshire-street, Fortland-place.
Thomas Harding, Ecq., 41, Educa equare.
John Grenthes Harlin, Ecq., 3, Old Palace yard.
William Paston Jeriel, Ecq., 9, Cadegon-place, Honne-street,
Sec. Philip in Bretter, 16, Charlotte street, Bestfort-square.
William Bargand, Ecq., 77, Pressny, Chambers, Whitchail.
Frederich Silver, Ecq., 10, James-street, Bockingham-gule.
John Thoyte, Ecq., 22, Frederiched,
John Thoyte, Ecq., 24, Friday-place.
George James Salivan, Ecq., Wilhory-park, Ameshory, Wills.
LETIER are offered by this long-established society trausit the view

PACILIFIES are offered by this long-restablished society tous the views and Usinsan of every class of issueers. Promisens are received yearly, ball-yearly quarterly—or more an increasing or decreasing order. As increasing of # 400 m is effected in the according scale by an annual premium, for the first five years #! Do. at the age of th. #! 10s. id. at to, #! 17s. at th. #? 2s. id. at to, at the process of the remaining will be received for five or seven years, the other half to be point at the convenient of the assessment. The increased for the participate exploration in the process of the second of the assessment. The increased for the other participate exploration in the profit realise. A liberal commission is already to solicitors and agents.

DAVID FORGIO, Recretary.

3. B.—Agends are wanted in towns where none have been yet appointed.

ISEASED AND HEALTHY LIVES ASSURED. MEDICAL, INVALID, AND GENERAL LIFE OFFICE, 75, FALL-MALL, LONDON.— Capital #100,000.

MEDICAL, INVALID. AND GENERAL LIFE OFFICE, 70, FALL MALG. LONDON.—Capital #350,000.

Bit Hinry Haifted, Bart., M.D., G.C.H., F.R.R., F.R.A., President of the Reyal College of Physicians, &c.

Bit William Barcett, M.D., R.C.H., F.R.R., Juspector General of the Navy, &c.

Bit Matthew J. Tierney, Bart, M.D., R.C.H., A.C.

Y. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

Discourage.

T. Coafes, Esq., 16, Lineador's Inn. Schott, Caracidals aquatre.

T. Coafes, Esq., 17, Abanthon. Actuatre.

T. Coafes, Esq., 17, Abanthon. Actuatre.

Actuatre.

T. Coafes, Esq., 17, William, Esq., 17, William, Hoston.

T. Coafes, Esq., 17, William, Hoston.

T. Coafes

MPORTANT PATENT IMPROVEMENT IN CHRONO METRIC and WAYCHES, B. J. DEN'T, S. STRAND, who obtained the high establishment of receiving the three-senses flavorable for the corporation performance of the fact that the problem that the corporation of the fact of the four characteristic error enterthing to two-tree seconds; profile trials, height to accomply the problem that the MANUFACTURE of his WATURES, CHERNICHETERS, and CLANER, in SECURED to him by THREE SEPARATE PATENTS, requestively generated in 16th 10th, and 16th, directly for account the total problem. The complete the complete problem of the security o

COMPOSITIONS FOR WRITING WITH STEEL PENS. MPORTIONS FOR WRITING WITH STEEL PENS. PENS. OTTOMICS, WITH STEEL PENS. I compareditions, which have us posses bally sales and the two of the steel pens, again in various posteriors, being successed the two with, more decading, asker compared personation in the ordinary has to warm entered personation to the ordinary has to warm entered the action passes of the steel personation. This consents of a blood field, to determine these or a sequential beard into the steel passes of the steel personation, but notice field, a facilitated entered agent. Allow, a own the steel long in a superior to the steel personation penson to the steel penson t

COMBUSTION of COAL, CHEMICALLY & PRACTICALLY

London - Simphite, Marchail, & Co., and J. Woule, Streetsphen - Wrightness & World

THE CIVIL ENGINEER AND ARCHITECTS' JOURNAL, HIL CAVIL ENGINEER AND ARCHITECTS JOURNAL, By LAVILLE, BY LAVILLE,

THE ARRIAL MACHINE —The ARCHITECT, ENGINEER, AND RESTORATE AND ARCHITECT, ENGINEER, AND RESTORATE AND ARCHITECT, ENGINEER, AND RESTORATE AND ARCHITECT, ENGINEER, AND ARCHI

MEETINGS OF SCIENTIFIC BODIES.

	IN THE ENGLISH WE	AA.		
AGCIETT.	PLACE OF HEETING.	DAT.	MOUR.	
Entomological	17, Old Bond-etreet	Monday	. B F. M.	
British Architects	14, Grosvenor-street	Monday	. S F. M.	
ad edical	Roll-court, Fleet-street	Monday	. S P. M.	
Linnwan	Boho-square	Tuesday	. # P.W.	
Horticultural	21, Regent-street	Tuesday	. 2 F.H.	
Civil Engineers	26, Great George-street	Tuesday	. 84 P.M.	
Chemical	Bociety of Arts, Adelphi	Turnday	. S F.M.	
Society of Arts	Adelphi	Wednesday	. 74 P.M.	
Mayal	Somerset House	Thursday	. 55 P. M.	
Antiquaries	Somerset House	Thursday	9 P. M.	
Zoological	57, Pail mail	Thursday	S F. M.	
Royal Institution	Albemarie-street	Friday	. Bg P.M.	
Botanical	20, Eedford-street, Cov.	g. Priday	. S P.M.	
Mathematical	Criento street, Spitalfiel	ds Saturday	. S P. M.	

Tonnio comminue.	
MRETINGS.	
Proston and Wyre Hallway, &c Fleetwood April 29)	1
neuthwara Bridge Company Queen street-piace 2 12	-1.
Anglo-Mexican Mint 3, New Broad afreet 2]	
Reliance Mutual Life Assurance 71, King William street	*
British Alkall Company Stoke Frior, Woresster S	h _a
Imperial Life Assurance Co Sun-coort, Cornhill 3 1	ar .
Uister Canal Coragany	
Equitable Assurance Society Offices	
General Annulty Endowment Soc. London Tavern 4 2	le .
Westminuter Fire Insurance Co King street, Covent garden	-1.
City of Dublin Steam Packet Co 15, Eien Quay, Dublin 4 1	
Mexican Company 22, Great Winchester elrect 4 2	
Redmin and Wadebridge Railway. Offices, Bodmin	
British Fire Insurance Co	le l
Assam Company London Tavern 4 12	-1.
Great North of England Railway Waterloo Hotel, Durham	
West Wh. Jewel Mining Assoc. 23, Threa-moutle-street	
Imperial Confinental Gas Company?, White Hart-sport	
Commercial Gas & Coke Company London Tayers 11 1	
CALLS.	
Newcastle and Darlington R'way . M. per share May 1 As former calls.	

NOTICES TO CORRESPONDENTS.

The Minima Journal, is regularly published about Two o'clock on Salurday after nows, at the after, No. 70, FLEET-STREET, where it can always be obtained and there is no cause for irregularity in its supply, in torm, other than neglect on the part of the agent through whom it is referred, but, a respect its transmission to country subscribers, the biame is shored with the Past-after authorities.

A Subscriber " (London).— We feel oblived to " A Subscriber " for his note, the not the most complimentary, and for the information contained. The point m those shall be attended to , and, as we are desirous of appending additional formation, could not one correspondent assist us, occasionally, with matter connection with the different subjects on which be writes?

ARREAT TRANSIT.—We are requested by Mr. Phillips to apologies for the non appearance of the promised continuation of his series of papers on this subject. That gentleman considers that giving further publicity to his views, at present, would materially interfere with their progress, but that every particular shall appear to our columns immediately he may consider it expedient to him. We consider not entitled the progress of the "lighty" subject to fill up the Aiston, so much needs await Mr. Phillips's convenience.

A Render" (Falmouth).—We are unacquainted with the particulars required, but should our correspondent obtain them from the source be expects, or point out how they can be acquired, we shall be happy to use every exertion for the possession of information that example to otherwise than most acceptable to our readers.

remeters.

Sank Mives.—We have received a communication with reference to these milbut which, we presente, was rather of a private nature than intended for publtion. It is, however, highly satisfactory to learn that the mises ago in sopoining a state, and thus justifying the reports made by Mr. Percival Johnson
Captain N. Vivian. In reply to the posteript, we have only to refer our coapondent to our adventising columns, by which he will observe the sale of
forfeited shares is fixed for the ith of May.

W. M. C. (addison).

cornicos shares in mach for the 3th of May.

M. M. "Lindlive".—We are obliged by the courtesy of our correspondent; the particulars, he will find, have been availed of, and we shall at all times be most branched for emissian information, as it is chainfully by the aid of residents we can hope to obtain particulars of bond events, which are, we four, too often passes over an of "not sufficient importance to take trushe absort," while their pathlicity might greatly facilitate the industries in the ardsous persuits of actentials re-

RESIDENCE COMPANIES.—Our next article on this subject—on the New Brun-wick and Nova Bootia Land Company with he one of particular interest, an-may he considered well deserving the aftention of parties interested in the sub-lect, whether as proprietors or emigrants. It was introded for our present num-for, but the extensive nature of the information, and the desire of rendering is as correctly as possible, compets us to defer its insertion until our next.

ontout—New Syrves or Pattomoray ... We feel compelled to decline the publication of all further correspondence on this subject. We have several letters in type, but the evidencity indexulinable nature of the discussion, and the acrimonious feetings that must be displayed, has forced us to the conclusion that its entire anaponion, will reflect more events on the parties indexwind, and prevent our Joseph long made the messions of giving publicity togustive alike inimical to our own tentings and objectionsable to the majority of our readers.

THE MINING JOURNAL. Bailway and Commercial Gajette.

LONDON, APRIL 29, 1843.

Portion destrons of ordering the Mining Journal, can do so, either direct to the office, or thorough any newswester or bunk soller in town or conserv. No time of irregulating is its subjectory are conseared to be forwarded to the office where every endeavour will be confer to rectify the cause of complaint.

The increasing interest attached to mining operations, wheth The increasing interest attached to mining operations, whether in this country or abroad, is evidenced by the advance in price of the shares of the respective companies, and the desire manifested to embark in new adventures which present themselves—more especially as relates to foreign mines. The feelings we entertain on this subject are too well known to require any remark on the present occasion, manuach, that as one of the main and principal objects of the Journal is the encouragement of mining pursuits, we cannot confine our observations or attention to any one district or kingchus, although we may have a wedded outsidity for district or kingdom, although we may have a wedded partiality for our own country. We have from time to time included in the hope that the effect produced by the tariff would not be so injurious to the mines of this country as, in the first instance, we were led to believe; and, to a certain extent, that hope has been realised, extra and who, on the forestion having been used to give an addition to the returns of the mino, in the shape of increased quantities of ore—the cost of management, water charge, and other expenses remaining the same—the profit and thus enabling the adventurer to overcome, in some measure, the effects arising from the depression in the standard. Thus it one to which we have the levels at the level at the l helicevel; and, to a certain extent, that hope has been realised, extra careful having been meed to give an abilition to the returns of the mino, in the shape of increased quantities of ore—the cost of management, water charge, and other expenses remaining the same—and thus enabling the adventureer to overcome, in some measure, the effects arising from the depression in the standard. Thus it became necessary to extend the levels at the lower workings of the mino, and, in many cases, to shock the rump shaft, so as to open "new ground;" while, in new anotertakings, it was manifest, unless more than ordinary exertion was applied to stem the torrest which had set in against our home minos, that they would be reasoned, and much of the capital embarked in them become a total loss. To this conviction may, in a great measure, be attributed in promising aspect of our minos at the present measure, be attributed in promising aspect of our minos at the present measure, be attributed in the discoverage and the shape in greater excessed from the bark while there is chance of keeping her aftend, more construction may, in a great measure, be attributed in the discoverage and to "blink" the question. Mr. Alderman Faranarorriga, and to "blink" the question. Mr. Alderman Faranarorriga, and to "blink" the question. Mr. Alderman Faranarorriga, and to "blink" the question of the realism of the confidence of the flat of the determination of the spoil, the officer half by Mr. Alderman Tromas is party, which discovering accounts of the superior of the spoil, the officer half by Mr. Alderman Tromas is applied to the superior of the composing the shape in the spoil, the officer half by Mr. Alderman Tromas is a special from the spoil, the officer half by Mr. Alderman Tromas is the convenient to affect of the superior of the minor of the spoil, the office half by Mr. Alderman Tromas is the convenient of the superior of the minor of the spoil to the spoil to the spoil to the property of the convenient of the superior of the minor of the sup

TO ENGINEERS, MILLWRIGHTS, AND MACHINE
DRAUGHTSHEN.—WANTED, in an iron Foundry and Engine Shop in the
country, where about seventy bands are employed, a YOUNG MAN TO ASSIST
IN THE MANAGEMENT. He most possess a knowledge of modern mechanical
practice in the engineering and millwrights' departments, is must be a good
drangitsman, solver and steady in his habits, and a member of the Established
Church.—Any application marked "7. B."—under cover to the Established
Mining Journal, 26, First street, London—stating age, manry, course of education,
he, will be attended to.

MEETINGS OF ACIENTIFIC BODIES.

of ore by public ticketing for the quarter ending March 25, 1843,
with the produce and standard, to which we have appended the
comparative produce and standard for the like three mouths in the
preceding year. From these tables it will be seen that the quantity
of ore raised in the quarter ending 25th March, 1842, was 32,945
tons, while in the corresponding quarter of the present year it
amounted to 33,474 tons, or an increase of 529 tons. The price
obtained for the former period was 54. 8s. 10-jd., while for the three
months of the present year that obtained gives an average of months of the present year that obtained gives an average of 5l. 16s. 11½. The rate of fine copper, as shown by the Ticketing Paper, is, for the first quarter in 1842, Sol. 16s. 1d., while for the past three months the rate is 75l. 4s. 9d. per ton. It may further be observed that the highest standard for the like period was, in 1842, 125l. 8s., for produce of 7½—the lowest 110l. 9s., with produce of 71 while the terms of the standard for the like period was, in 1842, 125l. 8s., for produce of 7½—the lowest 110l. 9s., with produce of 71 while the terms of the standard for the like period was, in 1842, 125l. 8s., for produce of 7½—the lowest 110l. 9s., with produce of 71 while the terms of the terms of the standard for the lowest 110l. 9s., with produce of 71 while the terms of the terms o duce of 74—while in the past three months the highest obtained has been 1151. 17s., produce 74, and lowest 1041. 12s., with produce of 84—thus demonstrating the serious decline arising from the new tariff, with which our home produce has had to contend.

We have, in our present Number, entered more at length than has been our custom of late into the proceedings of the Court of Aldermen on the inquiry instituted as to the fraud committed in the Talacre Coal and Iron Company—with the view of ascertaining how far, if at all, Mr. Alderman Thomas Wood is culpable, or may be considered a party thereto—inasmuch that the evidence adduced establishes certain facts with which, although we were in part acquainted, have not been brought under notice; while the reports which appear in our contemporaries are evidently garbled, and, by concealing the principal features to which the attention of the committee was directed, are calculated to mislead. As the evidence is to be printed, we await its production en-

evidently garbied, and, by concealing the principal features to which the attention of the committee was directed, are calculated to mislead. As the evidence is to be printed, we await its production entire ere we offer any observations on it as a whole, or attempt to afford explanations or additional information—which we think we are in a position to do—having, moreover, been in the immediate locality of the works (t) since the publication of our last Number.

Without, however, anticipating the report of the Court of Aldermen, we avail ourselves of the present opportunity of making some passing remarks on the evidence given on Saturday last. It appears, then, from the evidence given on Saturday last. It appears, then, from the evidence given on Saturday last. It appears, then, from the evidence given on Saturday last. It appears, then, from the evidence of Mr. Ashurser, that he did not possess "the original must depend on the contents of this book (for by "original" we understand the first on the formation of the company to be meant), its absence, and the want of knowledge on the part of the trustee, chairman, and solicitor, of the company—the three offices being held by one individual, and that individual Mr. Alderman Thomas Wood (the integrity of whose conduct in the transaction is the subject of the inquiry)—as also Mr. Weston, the secretary, is calculated to make an impression injurious to the former gentleman; but we should hope, in the absence of direct evidence, that the Court of Aldermen will give him the benefit of the doubt; indeed, in our opinion, he requires it, or any other adventitious aid which incumptances will allow As the affidavit of Mr. Ald Thos. indeed, in our opinion, he requires it, or any other adventitious aid which circumstances will allow. As the affidavit of Mr. Ald. Thos. Wood would, however, lead to the inference that he was in possession of a copy of the minutes, he will, perhaps, at the next meeting of the court, lay such before the chairman; therefore we must not be ungenerous, or raise a doubt as to the course the learned Alderman, assisted by his legal advisers, may deep it product and man, assisted by his legal advisers, may deem it prudent and

Proper to pursue.

We come now to an important piece of documentary evidence which, happily for the furtherance of justice and elucidation of the truth, Mr. Ashuast did possess; and, that we may make "no mistake," we here quote the paragraph in the report to which we have already made reference:—

He (Mr. Ashurst) also produced the resolution, signed by Mr. Wood, authorizing the delivery out of a large number of the FREE SHARES, to the following effect—"That, 72,40%, of the pead up shares be delivered forthwith to Messrs. Wood and there, in part payment of the Talacre property."

It further appears, on reference to the share ledger, or other books, showing the division, or appropriation of shares, that certain paid-up, or free shares, had been allotted to, and inscribed in such books, in the names of Mr. Ald. Thomas Wood, Mr. Deputy Weston, Mr. J. Davis (of West Cork notoriety), Mr. Bagnall, &c. It is, however, only due to Mr. Ald. Thos. Wood (as NALL, &c. It is, however, only due to Mr. Ald. Thos. Wood (as far as his assertion goes) here to state, that he repudiated ever having taken the shares entered to him, although Mr. Ashuawr subsequently added, in substance, "that the shares had, at all events, been taken from the company, and by Mr. Ald. Thomas Wood;" to which we may add (although our information, we admit, comes from a suspicious quarter, for it was furnished by one of the particeps criminis) that Mr. Ald. Thomas Wood took over the shares to Dublin—that they were in his custody, if he did not even produce them on that occasion; and, moreover, that, on his return, he deposited them in the hands of the secretary, a son of Mr. Deputy Waston—the latter being a participator in the prefit aris-Deputy WESTON-the latter being a participator in the profit aris-

Deputy Waston—the latter being a participator in the profit arising out of the transaction.

We now arrive at another interesting little document, calculated to throw additional light on the matter, and here transcribe it as given in the report. It purports to be, and indeed is, and so observed, an order on the directors of the company, signed by themselves, as vendors, to deliver over a part of the purchase money, in free shares—the party in whose favour the order is made being one of the vendors, but not a director—the parties signing being vendors and purchasers; the latter in their capacity as directors of the company. The document, however, will best speak for itself, it runs thus these teaches, temsers, 11, 1848.

London, Jonasry, 21, 1940.
Gentrauser, .-We capped you will deliver to George F. Baker, seven hondred and forty-eight led, shares in your company, being port of the amount of the paths of the Talsers property.

chase of the Talacre property.

This letter is addressed to the directors of the Talacre Coal and Iron Company, and is signed by Thomas Wood, Warwick Writeron, John Davis, William Hoddre, J. E. Hyndman, and others. Now, here we find the learned Alderman signing an order upon himself, while, if he was no party to the sale, what authority, we would ask, had he to attach his signature for the payment of so large a sum as that represented by the shares, to Gro. F. Barre? and who, on the fly-leaf, admitted having received the same. Here, then, we have the identity complete of Mr. Ald. Thomas Wood being a participator in the transaction, and—we have a right to as-

are they?" And what is the reply of Mr. Ashurst?—"They are signed by Mr. Ald. Thomas Wood and Mr. Weston, and countersigned by the secretary." It is hardly necessary for us to proceed further, as it is notorious that the Picton Mine, which formed the Talacre property at the time, was perfectly distinct from that of the Bryn; and, moreover, that the latter was purchased at a subsequent period, by the directors, and held under a distinct lease—the Bryn Colliery at the time referred to by Mr. Ald. Farensother being the property of Messrs. Foulkes and Co. With reference being the property of Messrs. Foulkes and Co. With reference even to this latter addition to the property, it appears that the company paid 100 per cent. on the purchase money.

The Court of Aldermen, in this inquiry, must not forget the position in which Mr. Chappelow has been placed by Mr. Ald. T. Wood—indeed, we should hope, that it is hardly necessary to remind them, that this gentleman was confined for three months in a prison, upon a judgment recovered on the bills which Ald. Thos. Wood advised him to sign, and which formed part of the 110,0001. given by the company's deed to Mr. Ald. Wood and others for the Picton property of 489 acres. The Aldermen of London should—and, doubtless, do—know that two of the shareholders have been already made bankrupts; and will feel that it is due to the families, as well as to the business connections, of Mr. Shaw and Mr. Chappelow, to inquire into every matter connected with the company. Let them

doubtless, do—know that two of the shareholders have been already made bankrupts; and will feel that it is due to the families, as well as to the business connections, of Mr. Shaw and Mr. Chappelow, to inquire into every matter connected with the company. Let them also reflect upon the misery which the families of the shareholders have had entailed upon them through Mr. Wood, and pause before they close so narrow and uneven an inquiry. Mr. Ald. Wood is before them—Why not Mr. Chappelow, Mr. Taylor, Mr. Shaw, Mr. Shawhere, Col. Verner, Messrs. Wild, Rawson, Atkin, and the other unfortunate shareholders?

We have now run through the main features of the proceedings, and it appears to us that, up to the present time, the inquiry has not been of that searching nature which its importance, as affecting the character of a magistrate of the City of London, and a candidate for the highest honours the citizens can confer, demands. However, the Court of Aldermen may be of opinion that they possess sufficient evidence to prove a guilty knowledge, if not actual participation in the fraud; and, as such may be considered ample to effect the object in view, they are not anxious to enter upon additional evidence, which, while it might tend to blacken the character of the party accused, would be attended with much trouble and expense, besides being the cause of much acerbity of feeling. In all this they may be right; but if they do not follow up the inquiry to that point which is essentially necessary for the protection of the public and for upholding the high character which should pertain to the magistracy of the City of London, we shall well canvass their acts, and see the nature of the evidence on which they ground their conclusions.

In another part of our Journal will be found a short notice of the plan patented by Mr. Baxks for railway wheels, by introducing—steel in the tire, whereby a very considerable saving is effected, as demonstrated by the relative costs of those constructed on the present plan and by the patented method. The patent being now in operation, and some of the wheels having travelled over a space of upwards of 50,000 miles without requiring repair—and, further, as we are given to understand, oring, from appearance, well calculated to perform nearly double the distance—the saving which may be effected by this plan forms an important feature in the expenditure of railways, which, when once constructed, require only scrupulous attention to the item of wear and tear, and to the economy of locomotives. We believe we are right in saying, that at least 1,000,000f, has been expended in the cost of railway wheels; now, if, by this mode of partially steeling the tires, a saving, as shown by the article to which we have referred, of 200,000f, per annum can be effected, it would form an important item in the account of expenditure. We hope to be in possession of other and more detailed information, when we shall gladly present it to our readers, feeling that, to enjoy all the advantages contemplated by the construction of railways, the saving of time, and comparative reduction of distance, are not the only desiderata, for, in addition to an ample remuneration being derived by the shareholder, a reduction in the cost of transit is looked for by the public. Any invention calculated to effect this object, is highly deserving of notice, and, as evidence of the opinion entertained of the importance and value attached to the patent, we may observe that licenses have already been granted to parties in London, and other parts of the country.

If we did not in our last Number advert to the demise of his Royal Highness the Duke of Sussex, it was not that we did not feel the loss sustained by the scientific world, to whom his patronage was ever afforded, but that we were desirous of following in our even course, confining our remarks to the incidents of the day as applying to scientific research, from which his Royal Highness had of late, to a certain extent, withdrawn. As the President of the "Society for the Encouragement of Arts, Manufactures, and Commerce," his loss is felt, for ever did he evince towards that institution a feeling, which was not only honourable to him as a scion of noble blood, but which had its natural influences on the scientific world, and, in a great measure, contributed to the progress of science, and the advancement of the society. It is now, we believe, thirty-two years since the Duke of Sussex was elected as a member of the society, and presided at the annual distribution of prises; and, in the year 1816, was elected president. While we regret his loss as a patron of science, we have to congratulate ourselves on the proud position which his Royal Highness held during his life, and the example he has set to others to follow in his wake.

It is with much pleasure we direct attention to an article in our present Number from the pen of our able and valued correspondent, W. J. Hanwoon, F.G.S., more especially as that gentleman has given us to understand that, after fourteen years' anxious tail, his work—which will, doubtless, establish the author in the estimation of those to whom he is unknown, in that position to which has as a justly entitled—will shortly issue from the press. We have been favoured with a perusal of some of the tabular matter, with the statistical information conveyed, and cannot but enticipase that the publication will be as useful and valuable to those who take an interest in scientific pursuits, and mining operations, as it will redund to the credit of its talented author. dound to the credit of its talented author

ANYMARTY IRON.—We are given to understand that a forester has just be a started at Trimmaras, about five units before Linarity, to small with anithments about for units before Linarity, to small with anithments about for prevenue under Mr. Creas's potent), and the forestition of a second inid on the titud instant. The make is, we leave, at the rate of fifty is fifty-five tone per week; but, as the forester on the start in the rate of fifty is fifty-five tone per week; but, as the forester on the start in the rate of fifty is fifty-five tone per week; but, as the forester on the rate of fifty is fine and the start of the start of the start of the rate of fifty is first and the start of the start of

ON SUBTERRANEAN TEMPERATURES, OBSERVED IN THE CORNISH MINES.

CORNISH MINES.

BY W. J. HENWOOD, C.E., F.B.E., F.G.E. LONDON AND FARIS.

(Communicated by the author.)

As the explosion of gunpowder, combustion of candles, and respiration of the workmen in mines, must inevitably affect the temperature of the air in them, and also, more or less, influence that of the rocks which form the sides (walls) of the levels; observations on the temperature, either of the air or the rocks, must, to some extent, be open to objection. This cause of error is, however, less likely to operate on streams of water flowing from the unbroken rock; all the following observations have, therefore, been made on the temperature of running water immediately as it issues.

The various districts consist of the ten different groups into which the mines of the west of England seem naturally separated; and they have been fully described in the Transactions of the Royal Geological Society of Cornsacti, vol. v.

gil, vol. v.

The order in which my results may be most conveniently arranged, is,
the temperatures at corresponding depths in the different districts; II.,
use of the two great rock formations, under similar circumstances; III.,
use of the veins (lodes) yielding different metals; and, IV., of the rocks,

TABLE I. THE FOLLOWING TABLE INDICATES THE MEAN DEFTER AND TREFERATORIS OF THE DISTRICTS.	150 to 100. pee and below. Means.	. temp, depth. temp. depth. temp	**		318	1 1 1		TABLE II.	150 to 200. See and before. Means.	. 1829, 6640. 1829, 6940. 183. . 67,0 30. 3715, 91. 6930 . 3717 34 970 115. 679	
E I. AN DEFTER AND DISTRICTS.	160 to 114. 150	eufb. temp. depth.	20 m	224	4.1	91.59 811	inservations only.	E II. ST DEPTER IN TH	180 to 158. 150	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
TABLE I.	18 to 186.	dearly brees, &	111			67 1073	From single of	TABLE II.	10 to 100.	11 17 de 18 de	
TABLE ISSICA	Surface to to fathoms.	-			# H H H H	# M.		WITHINGS	Surface to	4	
THE POLLOWING	Districts.		E. Just		Comberne Redeath and Gwessing R. Agner	R. Agatell Cultington and Terlators		DEVOTES THE MEAN F	Eath	Granite	
Permittee	Mease.	1		34 fra	M.E 001			-1000 000	Mease.	111 16 TE III 18 TE II	
RUBB	No and later	-	Myd. Mmp. 138 77.38	::1	11.6 ·· 101	Supa.		RECKE, VENS (LONGS), AND CROSS-	mand below.	H . S.	-
T (48003) 4813	Lie to 786.	-	depta. Senap. depti	112 m711	173 7935	three deerrations.		OTTENDED THE	100 100	48 . 48 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 48 . 74 . 74	-
E III.	100 100		Myd. 108p. 125 6795		N23 651	· From led three		201	180 10 180.	11. 673 11. 673 11. 673	-
TABLE III.			50 50'15	78 6r36	74 form	Come emily.	-	TABLE IV. OCCUPANT EXECUTION THE THEFTHATORIS OF THE BOCKS, VEINS (A. PERS (CROSS-COPTINES AND PROCESSO), AT DOTTINALLY DESTRE	M III) III	4	-
1 161 210	Austral to	M (allows	Mph. 1884.	B-8 - 8	H H	in the cheer		1002-mates)	Section 1	1	
The discountry i		Today.		partie bell for and ;	of labor.	4.		NUMBER OF SECTION ASSESSMENT OF SECTION ASSE	and the second		the second of the second

and Man Goehle's. Al Stabbill, it is there for these lends this is a Nulsday, two fort seven inclina; at Woolmet, two fort a mod at Pression Grange, the sevent temperatures prevail at similar depths below the surface in the different districts; and that at all depths some tracts lover a lover temperature than others. This londs to the continuous that the nature of the restlant. It is not consider with the configuration of the restlant. It is not considerable that the differences districts may assume probable that the difference districts may assume probable that the difference districts may assume probable that the difference districts may assume of them.

The general but that the other rocks possessed a higher temperature.

The general but that the other rocks possessed in the practice of the provest that of the same depth was assortated by no, assume parts that the partition of the temperature of the provest that great depths the same difference in the temperature of the provest that at great while previously it had been reasonable to the fore a great while previously it had been reasonable of the temperatures of the provest that at great depths the same depth was associated of the temperatures of the provest that at great depths the same difference in the temperatures of the temperatures of the temperature of the temperature of the temperatures of the temperature of the temperatures of the temperatur

had declined in the interval. Whether this was occasioned by the deeper levels intercepting the warmer water rising from beneath, whilst this level still received that coming from above, or whether some other cause may have occasioned this difference is certainly a curious inquiry; but as I do not wish to entangle the subject with theoretical discussions. I forbear following it further. Lecal causes undoubtedly modify general laws in many leatances; the subject of subterranean temperature forms no exception to lowing it further. Lecal causes undoubtedly modify general laws in many instances; the subject of subterranean temperature forms no exception to this; for such influences are often conspicaous; sometimes they elevate, and at others they depress the temperature; the general fact of a progressive increase of temperature as we descend, is, however, confirmed by every observation; I respectfully submit this communication to the Royal Institution, and as it contains the results of 336 observations. I hope I am guilty of no undue confidence in claiming some consideration for the accuracy of conclusions drawn from so large a collection of facts.

COAL-FIELDS OF GREAT BRITAIN,-No. VII.*

COAL.-FIELDS OF GREAT BRITAIN.—No. VII.*

[Continued from Journal of 8th inst.]

UNDBR.-COAL SEALES.

36. COAL.—This bed is called Baxter's coal, at Gilmerton phere it measures two fret in thickness, and lies about three fathoms below the third limestone; at other places the distance varies from three to six and a half fathoms. At Woolmet and Niddry the thickness is three feet, but two feet may be considered as the usual measurement; at Cowden, however, it is only six inches, and at Stabbill thirteen inches thick; at Preston pit, where it is the upper coal, the thickness is ten inches only. It occurs at all the following places:—Duddingston over Brunstein, Niddry, Gilmerton, Cowden, Leanhead, Woolmet, Walliford, Bryant's, Arniston, Stobbill, Preston pit.

only six inches, and at Stobhill thirteen inches thick; at Preston pit, where it is the upper coal, the thickness is ten inches only. It occurs at all the following places is—Duskingston over Branstein, Niddly, Gilimerten, Cowden, Losmbead, Woolmet, Walliford, Bryant's, Aroiston, Stobhill, Preston pit.

37. CoAL.—This coal lies often about four fathoms below No. 36; but at Bryant's the distance is five fathoms; at Prestom Grange it is twelve facthoms. It occurs in the same collicions as No. 36. At Losmbead it is five feet thick; at Niddry and Woolmet, three feet; and in the other places generally about two and a half feet three feet; and in the other places generally about two and a half self-man and the self-man and a half in fourteen and a half feet of the self-man and the self-man and a half feet of the self-man and the self-man and a half and bryant it is three feet thick; at Cowden and New Mills level two feet and a quarter; and at other localities, two feet and under; at Armiston; it is only six inches. It occurs near the surface at the Sandy quarry of Tranent, where it measures eighteen inches.

39. Coal.—This coal varies in its distance from the seam inmediately above it, from one to eight fathoms, and the thickness varies from one to three feet. It attains the latter thickness, however, at Cowden, Losmbead, and Bryant's; a New Mills level it is two and a half feet; and at Niddry, Woolmer, Armiston, and Blinkhomy, two feet; at Gilmerton, one foot four inches; and at Dushingston, only twelve inches.

40. Coal.—This is called the Great Saam. Its distance from No. 39, at Bryant's and, Cowden, is ten fathoms; in other places it is much less. The following are the places where its thickness is necertained; edition.

West Windry-govel, and Ephiniston, ten feet; East Windry-gowl (twenty inch stone), Saandy Quarry at Tranent, Wallinkoony, at to seven feet; and at Vogrie, four feet only. This is one of the most important coal-beds in the series; and, extending over a greet valued. Windry cover, and sphinters, an

tioned. At Lounhead it is five fact thick, but in other localities it is only one foot, or less.

47. Coat.—This seam is known at different places by the following names:—Black Chapethill. Upper Coal, Posttie, Chapet, and Carustion. The distance varies from four to ten or twelve fathrons. At Niddry, it is twelve feet thick; at Gilmerton, three feet these, and seven feet; at Lounhead and Dryslen, five feet; at Stobbill, four and a half feet; at Bryant's, four feet; Provious Grange and Blickbossny, three and a half feet; and at Bryant's, two sad a half feet.

48. Coat.—This coal line at eight, three, and one fathron below No. 47. At Niddry, it is three feet; at Gilmerton, two feet nine inches, and two feet two inches; at Stobbill, and Brunstain Mule, it is only twelve and at Stobbill, and Brunstain Mule, it is only twelve and affects inches thick.

49. Coat, known by the names of Little Gilloupie, Lower Coal, Peattie, at Niddry, it is three to be the coal, the feet them inches thick; at Nider is feet them inches thick; at Nider is feet them inches thick; at Nider is feet them inches thick; at Nider at Nider is the stokes.

49. Cnat, known by the unmos of Little Gilloupie, Lower Coal, Peatin, and Mac Gochie's. At Stabbill, it is three fact three inches thick; at Niddey, two fact seven inches; at Woolmet, two fact; and at Presion Grange, which we have a seven inches; at Woolmet, two fact; and at Presion Grange,

BANKS'S IMPROVEMENTS IN RAILWAY WHEELS.

mis in the construction of Banks's patent railway wh at, in the first place, of turning a groove entirely round the rim, or hery, of the wheel, into which is inserted a hoop, bur, or engments , or other hard metal, thereby producing a great permanent saving wear and tear. A variety of trials have been made to the entire of engineers and other scientific men, particularly on the Maner and Leeds Hailway, where more than 100 pairs of wheels have ad their tires repaired on Mr. Benks's plan. One pair of old wheels so was tested with a pair of the best new wheels (of ordinary construction), under a first-class carriage, with break, which wheels required turning up after running 16,000 miles, but those steried on Banks's plan vers but little worn after running 50,000 miles-the same wheels are still at work, and it is expected will complete 100,000 miles, or double the before they require to be re-steeled. The company, indeed, re so perfectly satisfied with the superiority of the patented plan, that my have since given Mr. Banks orders to have all their sound wheels d, or fitted up in a similar manner, as they may require it. About irty pair of locomotive-engine driving-wheels have already been rethis plan, the tires of which were so worn, that, but for the apn of the steel segments, they must have been replaced with new ore than three times the cost of the repairs under Mr. Banks's while, at the same time, a considerable advantage is gained from sed durability over the best tireditherte used. A leading feare of this improvement is its peculiar adaptation to the repair of old els, or that the tirus of old wheels may be steeled upon this plan, and, on worn, can be easily taken out, and replaced with new, from time to se, so long as the general fabric of the wheel is sufficiently firm for use. The great value will be manifest, when it is hurne in mind, that the same als may be renewed with fresh steel, as often as worn out, at a trifling nas, compared with new wheels,

It may be observed, that, heretofore, it has been found, in reilway practe, many wheels have falled before the tires were half worn out, through spokes coming loose in the nave; this defect and loss, however, will the application of the other part of Mr. Banks's patent consists in welding, or otherwise attaching the arms, or spokes, to ntre ring, previously to casting the boss around the ends of such arms ad ring, thereby giving the greatest possible strength and durability to the els. It is stated that there are, at least, 40,000 sets of railway wheels at work in this country, which have cost not less than 1,000,0007,, if re, then, allow as much as five years for the durability of the wheels now a mar, the application of Mr. Banks's patent generally will more than the the darshilly -- thus causing a saving to the shareholders of this

ORIGINAL CONRESPONDENCE.

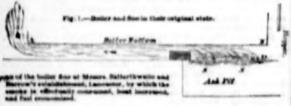
THE SMOKE NUISANCE.

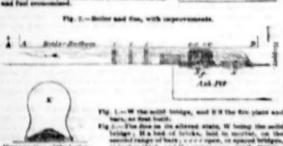
THE SMOKE NUISANCE.

FOR THE REPUTE OF THE MINIOR JOURNAL.

Bus,—Observing in your valuable Journal a good deal of controversy between several gentlemen as to the marita of different achiemes for proventing smoke, I have been induced to pay some little attention to the subject, but more particularly a few days since, when staying in Lancauter, where I had the opportunity and gratification of inspecting a very simple yet of feetnal mode, adopted by Messra. Satterthwaith and Barrow, at their out-ton-works, Queen's Mill, Lancaster, for the consumption of smoke without any addition of six or efcome more than is used in ordinary furnaces. I was informed that it also effected a considerable saving of feet—as formerly it required about twenty-nine tons per week of the best slack from my collieries to keep up the sleam required by the engine, but since the intraduction of the alternation tensy-two tons per week generates as much alexance twenty-nine did previously.

on of the attention techniques to the first the engineer sketch represents a common boiler and formeds as it was before the attention; fig. 2 is the siler and formeds as it was before the attention; fig. 2 is the siler and formeds as it now is, with the alteration for consuming smoke.





On suference you will provide by the section, fig. 1, that there are two lengths of fore-bars, each being from first three for-bar long, and marked as ; in fig. 2 it will be seen that the first-bars are also lettered a fig. 3 it will be seen that the first-bars are also lettered a fig. 3 it will be seen that the set of a coresred over with fire beink, as as to present the air gotting is, and that upon this brickwork, II, there are from bridges, or c., seeded as as to troub the bridge and the receive of the bettem at the sides, yet buring a small spans between the top of the bridge and the receive of the bettem of the being. These from bridges are a brief's broadth, or few and a half bucker is thickness, with free end a half inches or spans and briefly; such bridge; a left full of below four-and a half inches wide, as as hitself in the cross section. K. Breiden this assist of opposition, es as hitself in the cross section.

reace is operation.

Railway Colliery, near Chorley, Lancushire, April 21.

[This subject, although nearly worn out, possesses so much specially where any improvement is suggested, that we monce to the communication of our correspondent.]

COMBUSTION OF SMOKE.

COMBUSTION OF SMOKE.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—I have long diligently persuad the columns of your valuable Journal, particularly during the animated discussion of the scientific interested individuals, thinking to get some information with respect to the combustion of smoke, and consequent communition with respect to the combustion of smoke, and consequent communition with respect to the combustion of smoke, and consequent communition of fael; but for anything that has been clicited I confess I am just as ignorant as when it began, therefore, Mr. Editor, if I be not intruding too much on your columns, you will do me a particular favour by inserting the following quaries to those who advocate the admission of air at or behind the bridges, as it may tend to enlighten me and dispet my ignorance, and likewise natisfy the doubts of a great many individuals who might be willing to adopt their plans, could they only see through the mystery plainly. I am told by the "smoke doctors" that they have practically and chemically taken it into consideration; therefore I, with your permission, will sak them:—

First.—Can any of them let me know, practically, how many cubic feet of atmospheric sir passes through the incondescent fuel on the grate of a furnace on the old construction (that is, a non-amoke burner or smoke preventer), and how many cubic feet ought to pass daring the combustion of a ton of bituminous coal?—as I am one of those who believe that enough of air passes through the fuel for complete combustion of all the gase, if the farnace be properly fired and flues properly constructed.

Secondly.—Will they do me the favour, chemically, to let me know how many cubic feet ought to pass when combustion of all the gase, if the farnace he properly fired and flues properly constructed.

Secondly.—Will they do me the favour, chemically, to let me know how many cubic feet ought to pass when combustion of a nundefined quantity of air behind the chridge must be a made and centure of the combustion of a ton o

CARN BREA MINES.

CARN BREA MINES.

TO THE EDITION OF THE MINING JUDENAL.

Sin,—Your strictures in your Journal of 22d inst. sppear somewhat inconsistent with the silence which you have so long observed, and which you gave us to understand, in an article written some time since, should continue until the committee of investigation should have used their report. I, for one, can only regret that you did not strictly adhere to that intention; for, by anticipating the report of the committee, you not only do an injustice to parties, but reader their duties of a far more inksome nature than those imposed on them by the circumstances of the case. I regret, in common with you, that the report should not have been rendered ere this, but when you consider that the gentlemen appointed reside in various districts, and that they have other vocations which call upon their time, I think that those very circumstances palliate the apparent lengthened dalay; and, moreover, from a knowledge of the parties. I feel satisfied that it is their anxious desire well to consider their report, and not, as in many instances, which I could name, bring forward a crude production, which would neither be beneficial to the interests of the adventurers, honest towards the accused, or creditable to themselves. With respect to the proposed meeting of the 9th of May, I think if you inquire in the proper quarter, you will learn that such will, in all probability, be adjourned. I feel confident that I am only expressing the opinious of all interested, that the committee is formed of men of too honourshie minds to wish unancessary delay to take place, or to allow their opinious to be record. interested, that the committee is formed of men of too honourable minds to wish unnecessary delay to take place, or to allow their opinious to be warped by prejudice, or unfounded assertion. Thereinstatement of Capt. Joseph Lyle by the committee of management you will find calculated to be preductive of benefit to the cuscome, for those gentlemen can have but one object. You will remember that in this, as in other matters, there are two sides in the question, and that "one story is good until the other is told."

Are Our-Anymore.

ion, April 26. The letter of our correspondent is temperate, and, as such, well deserving attention. As to the reappointment of Capt. Joseph Lyle, such may be, at least, allowed as matter of opinion.]

THE AERIEL STEAM-CARRIAGE.

THE ARRIEL STEAM-CARRIAGE.

YO YHE REFERS OF THE MINING JOURNAL.

Sin,—The fact note appended to my communication in the last number of your Journal has indused me again to address you on this subject.

I did not be my letter refer to any known improvements, as your note seems to imply, nor am I prepared to suggest any. I merely sermined that they would be consequent on the partial success of this invention. I never housed of any now discovery in mechanion being brought to perfection on its first outset; if is generally by show degrees and long experience that it is attained; and I am quite satisfied that any important modifications or important medications or important medications or important medications at important size. The principle of the artial carriage is somewhat similar to that of the well known Abstralian become any, which, being thrown that the air in an hericontail direction, has the singular property of returning, when the propolling power is appended, with a retragrade matter the world continue to propose in the air as long as the force was applied, it having no tendency to fall to the court in a perpendicular direction. I can see no reason to adopt Mr. Dashawand's rule, that "it is anternally impossible to continue the flight of a projectile." The only difficulty to be decreased in the sections to fight of a projectile. The machine to request force can be produced by these means to enable the machine to assessed and continue its flight through the sir.

April 25.

We like this discussion, but should be better pleased with a presented lice.

April 25. [We like this discussion, but should be better pleased with a practical 0. [We like this discussion, but "T. D. S_{ij} " and court further information.]

FIRE DAMP.

ACCIDENTS IN MINES

ACCIDENTS IN MINES.

Sin,—Your traly valuable Journal has ever been open to the suggestions of individuals for preventing accidents in mines from foul and explosive gases, and many and various are the plans that have, from time to time, been proposed; but of what avail, Sir, are these suggestions—of what utility are the labours of acientific men—if those who superintend the working of mines are incapacitated by ignorant hardihood of disposition, from want of education, or from want of humanity, from taking those necessary precautions, without which human ingenuity will avail them nothing. In the recent melancholy catastrophe, reported in your Journal of last week, there appears to be gross and oulpable neglect of those common precautions necessary to insure safety to the men; the issups were declared to be defective from the very beginning of the working, and the only man among the many who could be found discrete enough to know—and, therefore, to shum—the threatened danger, in the pilice of being rewarded, as he ought to have been, for giving timely warning, was mulcted of a portion of his small and well-merited earnings. Habitude, no doubt, makes the miner reckless and indifferent to the dangers constantly surrounding him, but this makes it the more necessary that well-educated and humans men should superintend their operations, awakes their mined in threatening dangers, and enforce those rules generally laid down for the prevention of accidents. Almost all the accidents produced by exploding gases originate in men being permitted to use candies, or from their rashly exposing the flame of the lamp; and, in the melancholy case before us, many wives have been in one moment bereft of their husbands, children of their fathers, because the mine was not properly supplied with lamps, candles being resorted to as a necessary consequence. I trust that—mensayer the opinious of your practical mining correspondent, Mr. Deakin—the schoolmaster will find his way into the mines, and that he will teach them to the each as a

VENTILATION OF MINES-PREVENTION OF ACCIDENTS.

which, an Christians, floy are bound to fulfil, and which reen them we avoid all unnecessary risk of being hurried into eternity. M. P. V. Richmond, April 24.

VENTILATION OF MINES.—PHEVENTION OF ACCIDENTS.

TO THE SUTTON OF THE MINING JOURNAL.

Sin,—Your correspondent, Mr. J. Murry, tells us, in your last weak's Journal, that choke damp, black damp, and affer damp, of the mines, is carbonic acid gas of modern chemistry; it is (he says) nometimes developed naturally is usines, and is the invariable product of an explosion of five damp. As regards the choke, or thack damp (for I hnow not how to separate the contract of the contract

THE THAMES TUNNEL.

TO YHE ESTUDE OF THE MINIST JOURNAL.

SIR,—In recommon with every one who has walked under the Thames, have admired the skill and perseverance which has led to the completion so solder a work as the bissel. It cannot, however, he a matter of indifference to its accuserus visitors and passengars, that some reflected manner vestilation should be ablegated, the heat and closeness of the atmosphere being painting oppressive. It only requires that the attention of its highly-tainest angleser. Ser M. I. Broaner, should be directed to the varieties of such a reals, to insere the application of its remedy, and provide a conductable, a well as a take and someomical, passengericallins.

Mingration, April 27.

"DUFF" OR SMALL COAL

Allo as Times. Shed lately dis-TO THE SOUTH OF THE WORTHRAN PRIOR DESIGN USES BY YOU IN A MO deff." Or small coal, available for com-FIRE DAMP.

Of the present of the pr water, which will serve to unisten a quire of the largest strong brown as in manufactured by Massers. Hutton, in our vicinity, which is ident in quality, and very moderante in price. As some as this paper is fully dried in the sun, or before a five, it may be set into pieces establisherming parcels—say about the size of a pound of brown segar—tah ing that the duff he not moist; and, for convenience, I use pack thread, that it reader incombattible to a considerable extent by the agency of the versus made to last for also or eight hours. The marinted amments may, in all, be had at a penny an ounce—perhaps, if from the manufactures, it is, be had at a penny an ounce—perhaps, if from the manufactures, it is eat any bouse, and also the very agreeable fire they make. The cinners at my bouse, and also the very agreeable fire they make. The cinners at the coal of the finest cert acco, as the caking process in left, and the coal of the finest quality. Muriate of amments in now telly reduced in price, and I am informed it is manufactured in large quantum at the different gas works. The fires from the duff coal, such as debed above, give out no nexious gases, nor any effusis.

W. REID CLANNY, M.D. S.—A few weeks ago I transmitted to two of my personal friends (who

Bishqueermenth, April 17.

P.S.—A few weeks ago I transmitted to two of my personal friends (who are greatly distinguished in the walks of practical science) abundant specimens of my duff coal, and I have much pleasure in stating that both these restlemen, by letter, gave the process and the fuel their unqualified appropation, couched in highly complimentary innguage.

ON THE VENTILATION OF MINES.

are greatly dictinguished in the walks of presents a stating that both these man of or yet return, gave the process and the find their sequalised appropriation, consider in highly complementry linguished.

ON THE VENTILATION OF MINES.

Siz.—I prove the process and the find their sequalised appropriation of the process and the find their sequential process. The process are not to the process and the find their sequential process and the subject mainter on ventilation of mines, in my late to your Jonate service of the process and the subject mainter on ventilation of mines, in my late to your Jonate services of the process of the

The St. Milds Po. at Street Shields, has stopped work in consequence of inner interest in great of the "next-to." of the reservoir giring way, and letting the square into factors in last the pile. The core or ware all got out in author.

ENGLISH MINES.

ROLLISH MINES.

ROLLISH MINES.

**April 24.—In the 110 fathom level, west of Wall's shaft, the lode is from the to twelve inches wide, worth 201, per fathom. In the 100 fathom level west the lode is one foot wide, and worth 91, per fathom. In the winas sinking below this level the lode is footseen inches wide, and worth 221, per fathom. In the 100 fathom level, east of Wall's shaft, and in the cross-cut south, towards the Fingiack lode, an alteration since last reported; in the cross-cut, sorth of Hitchina's shaft, at this level, we have discovered the cross-cut, sorth of Hitchina's shaft, at this level, we have discovered the cross-cut, sorth of Hitchina's shaft, at this level, we have discovered the lode; its size is not yet ascertained, as it is not cut through; it has a very promising appearance, and is now producing good stones of ore; the lode in promising appearance, and is now producing aces still progressing towards the lode in the hask of this level is two feet wide, and worth 501, per fathom; in the middle stopes the lode is two feet wide, and worth 451, per fathom; in the middle stopes the lode is two feet wide, and worth 451, per fathom; and in the western stopes the lode in twesty inches wide, and worth 451, per fathom; and poor, and ground hard for driving; in the erous-cut, driving sorth, we have discovered the lode, and opered into it about ten inches wide, compased of capel, spar, and mundle; the lode in the stopes in the back of ditth is sixteen inches wide, and worth 251, per fathom. In the sixty-two fathoms level, and inches wide, and worth 251, per fathom.

**April 24.—The ground in the seventy fathom level is of the sixty-two and seventy fathom level. In the deep adit, east of Lady Beam shaft, the lode is sixteen inches wide, producing stones of ore.

**April 24.—The ground is the seventy fathom level is rather improved, but the lode is much the same as reported last week. The lade in the sixty fathom level, on the south (or Chiverton) Inde; we shall not it stop to

the maons will estimate to the come rather hard.

Muridown adit is much the same rather hard.

WEST WHEAL JEWEL MINIMO ACCOCIATION.

April 24.—The ground in Buckingham's engine-chaft, and also in the eighty-five cross cut toouth, is favourable. The seventy east on south branch eighty-five cross cut toouth, is favourable. The seventy west, on Wheal Jewel was not taken down in the past week. The seventy west, on Wheal Jewel lode, is worth 25.1 per fathom; we are now rising against a winne sinking lode, is worth 25.1 per fathod. In the seventy from the level above, which will be holed in a week or two. The seventy from the level above, which will be holed in a week or two. The seventy from the level hole has not been taken down; we have resumed stoping in the east of this level; the hole is worth 25.1 per fathom. In the seventy west, not the new lode, we have opened about one fathom; the lode is eighteen on the new lode, we have opened about one fathom; the lode is eighteen cheen wide, priam, spar, and black and grey ore, and is a lode of great pro-inches wide, priam, spar, and black and grey ore, and is a lode of great pro-inches wide, priam, spar, and black and grey ore, and is a lode of great pro-inches wide, priam, spar, and black and grey ore, and is a lode of great pro-inches wide, priam, spar, and black and grey ore, and is a lode of great pro-inches wide, priam spar, and black and grey ore, and is a lode of great pro-inches wide. The fifty-seven cast, on Wheal Jewel Model and Company.

COMMOLIDATED TREVOL MINIMO COMPANY.

April 24.—The hode in Hearmoni's shaft, sinking under the fifty fathoms level, is one foot wide, producing a small quantity of ore. The lode in the fifty fathom level, is one foot wide, producing a small quantity of ore. The lode in the fifty fathom level, is one foot wide, producing some fifty fathom level, east of Hearmoni's shaft, is one foot wide, producing some fifty fathom level, east of Hearmoni's shaft, is one foot wide, producing some inches wide, producing a little ore. The hole is the forty fathom level, east of Hearmoni's shaft, is one foot wide, good tribute ground. The Hind Will's of Hearmoni's shaft, is one foot wide, good tribute ground. The Hind Will's full or the back of the adit level, cast of Moreom's shaft, is much as last reported. The lin lode, in the back of the seventres fathom level, east of Moreom's shaft, is four feet wide, good tribute ground.

UNITED HILLS HINDS OF OMPANY.

April 25.—In the seventy fathom level the lode is the eastern end is four and a baif feet wide, two feet on the neath part is producing one of fair quantity. In the western end the lode is three east a half feet wide, with some lity. In the fath, two feet on the node is three and a half feet wide, consen in four feet wide, intersected with some good branches of ore, with a promising appearance. In the watern end the lode is three east wide, with some foot feet wide, producing but fittle ore. In the farty fathom level the hode is three fort wide, producing but fittle ore. In the farty fathom level the hode is three fort wide, producing a small quantity of one. In the sweet the hode is three fort wide, producing a small quantity of one. In the weaty fathom level (Wheal Sparrow) the inde is eighteen inches wide, as inches on the north part good ore. In the sweet wide, in the sout part producing ore. In the addition in the lode is one fact wide, producing but very little ore.

W. Recurance.

Y. Langpany.

April 29.—The eighty east of Christon is one fact wide, with atone of ore.

W. HESSARDS. N. LANGDON. S. H. PRARCE.

YRELEIGH CONDOLS MENTING COMPANY.

April 92.—The eighty sast of Christon is one foot wide, with stones of ore.
The eighty west is not yet on the hode. The winze under the seventy east is
west 7 f. to 61, per fathom. The seventy west is morth 51, per fathom. The
west 7 f. to 61, per fathom. The seventy west is morth 51, per fathom, and the hode is
improvement soon. The eighty seast is morth 41, per fathom, and the hode is
improved gagain. At Good Fortuner, the hode in the fifty west is two feet wide,
proving again. At Good Fortuner, the hode in the fifty most is two feet wide,
proving again. At Good Fortuner, the hode in the fifty most is two feet wide,
provided gagod stones of ore; the back is tribute ground. The fifty cast is
worth 51, per fathom. The forty four west is worth 61, per fathom is
thirty-four is worth 41, per fathom.

YREGOLLAN MENERS. COMPARY.

April 17.—We are cutting through the lode at the sighty-two fathom level,
east of Baker's shaft, which is compound of mondia, capel, and soft spar,
with a small quantity of one; it lands hindly at present, but is not worth
on the small quantity of one; it lands hindly at present, but is not worth
with a small quantity of one; it hade winner, sink log order the fifty favariog. The issuice part of the hode in the winner, sink log order the fifty favoices is not such alteration in the tribute department vices my last.

There is not much alteration in the tribute department vices my last.

TORELON MINES.

POREIGN MINES. ALTER MINING ASSOCIATI

many it will be seen that the expectation I improvement in the produce of the Halpes improvement is and the southeard favourable selves, it is not done ; for these would have more from practical note controls to condition; formaction than they can always be reveiling the careful a security formaction than they can always be the careful and the controls from heave for the animatic from heave for the control over any any that we minor any with control over an many of these heaves an most and I have been reading a book, whice heaves are the careful attention, for early sainty pearly for the control over an many of these heaves and a heave for the most animatic for the following words to be a series of the control over an many of these heaves and sainty and an emphasis of the control over an many of these heaves and sainty and an emphasis of the control over an entry leaf, in signific characters, the following words to be a series of the control over an entry leaf, in signific characters, the following words to be a series of the control over an entry leaf, in signific characters, the following words to be a series of the control over an entry leaf, in signific characters, the following words to be a series of the series

on the accompanying ore delivery note, you will see that in our returns to the amplifur house.

	W. 1000		the smel	Tons.				Long &
Indiana M	ine		******	86,453	40 000	14		1000
Wilson .	tal dredge				*****			1195
of Street, or	World dillight .	** ** ** ** **	** *****	19/836	*****	2		294
-	but smalls		** ** ** * * * * *	E STORY			****	483
-	thed differ .			100000			*****	854
_	gossan and	odge	******	21/014			*****	248
-	** *******		********	- OVERE			*****	1929
-	at dredge .			A REAL PROPERTY.	*****			1000
thipes,	2md ditto .	********		13,830	*****			
-	jut smalin		*** *****	8.947	*****		****	424
100	2nd dilito -	*******		10,645			****	-
1000	priils	********		19,112	*****	20	2 64 15	200
		TREEZE OF		N. 448		2.75	MARKE	1000

illes Copper, Works, March 21.

Gospo Seco, Feb. 2.—In the cross-cut south from the sixty-sect a hard floor of ground has been met with (ironstone) about thickness; this has required blasting, and the end is now again in large, in which veins can be traced.

J. K. A. Ca

MINING IN CORNWALL—(From a correspondent).—I yesterday in some mines in the parish of St. Just, amongst which was Botaliach, there are three important discoveries within a few days—vin., the six sighty-five, and 125 fathom levels; these levels have hitherto been vore, but, from the present appearances, they are likely to be very; tive. There is also a slight improvement in Levant, but I cannot say for the tin mines, owing to the price of tin, which must prove ruinous is large tin mines. There is a great improvement also in When! Prov Mines, in Gwinzer; three new pitches were set on Saturday inst, at 60 Mines on in the 14.

Mines on I have a provent in the same of the sa

and 9d. in the 11.

Minkou in Inni-AND—(From a correspondent),—I trust that the Br.

Association, who will visit our interesting country in August nesh, may,
their observations, a waken the minds of speculators to mines to come to
land, and they will fad that more profits can be obtained by a small or
land, and they will ever discover in foreign countries. I am entiried that
then they will ever discover in foreign countries. I am entiried that
western part of this county would be found rich in mineral wealth, a
one hundred-thousandth part of the capital which is used in Corawali
foreign mines, was judiciously and economically applied in this count
would not be found second to Corawali, or the richest districts in Ringi
in mineral wealth. Our mines at Coalesen and West Carberry would
exemplify the fact—indeed, the mere salary paid to the directors and ag
exemplify the fact—indeed, the mere salary paid to the directors and ag
of some of the mines in England would work several mines in this coun
and yield to the adventurers ample profit.

Pan PARK HOLE, NEAR BRISTOL.—(From a correspondent),—h

exemplify the fact—tudeed, the more salary paid to the direction of some of the mines in England would werk averal mines in this country of some of the mines in England would werk averal mines in this country of the to the adventurers ample profit.

Pay Pank Holk, Naar Hausvoh.—(From a correspondent).—My pay Pank Holk, Naar Hausvoh.—(From a correspondent).—My necessary that the direction of Capt. R. Rowe, of the Agnes, by a party of Cornick mine the direction of Capt. R. Rowe, of the Agnes, by a party of Cornick mine the direction of Capt. R. Rowe, of the Agnes, by a party of Cornick mine that the control of the country of the water, opening into a cavity about twenty-three fathoms deep to the water, opening into a cavity about twenty-three fathoms does not the advent of the cornick that the control of the cornick of the published by Beojamon Martin, in 1709 (vol. 1, page 344), from which if published by Beojamon Martin, in 1709 (vol. 1, page 344), from which if published by Beojamon Martin, in 1709 (vol. 1, page 344), from which if the cornick of the cor

possed was to increase at least for a time the import duty on foreign scent. Thus the wishes of our waters providers are dismatrically opposed to the Kindgeborg providers.

Co.A. at Toulon.—Some years ago, a society was formed in France, for Co.A. at Toulon.—Some years ago, a society was formed in France, for the purpose of extending, for consumerated purposes, geological impulsive with the purpose of extending, for consumerated purposes, geological impulsive with respect to coal. Reveral important discoveries have been said by the society, but the most recent and most interesting, to the fact that extensive circly, but the most recent and of Tunion, in the tricility of the Lamaigne seams of coal exist in the read of Tunion, in the tricility of the Lamaigne seams of coal exist indications of the submanian circula. The surface of the society fround the first indications of the open seam of the surface of the said, it to sometimes for the first brought to a satisfactory constraint.

THE Ganay Munyor wyners, the Heatton seam was seen to on the best grantic absorber at length brought to a satisfactory constraint.

The middly is not partners) have at length brought to a satisfactory constraint.

The fine of the season of the state of the fine season was seen to on the best district.

The Haston seams was the depth of 104 finthoms, and forest to indicate the state of the finthoms, and forest to indicate the state of the finthoms of the face of the finthom of the finthom, and the public has been the finthom overland by righty fathoms of magnetism therefore, which at the sinhing are contracted by righty fathoms of magnetism therefore, which at the sinhing are contracted to the finthom of the fin

the querry of Mr. A. H. Handmeds, at Stangard des to-wavel the amount of a save, which, no being meter the most wonder-mi discovering over made in a querry fact came inquirer of the great abundance of the stan The camera is many of anome, bring entered by those encaseds to the depth of eighty-case feet. The bottom elemes of which the sides are composed, in spoke of the sides of which the sides are composed, in spoke of the sides in a sook what y feet to frongth, therty-three less by comid and anomalous. The whole querry is amounted to be one of the most wonderful productions of Nator.

which is a roots hirly seed to congine, which appeared by all these her could not escentially. The whole quiety is attracted by all these her could not deep against of the country of a state for largeration to be one of the appearance of the above, and the abbreviation the superior to the sampline, her colour of the stories, and the abbreviation of quantity, the colour of the stories, and the abbreviation of amount comparison to the homogeties, and show to be production of amount comparison to the sampline production of the construction of amount comparisons. Here, I then worth proportion has neways shows himself and the construction of the stories, which exceeds the eightest different contraction of the construction of the stories, which exceeds the eightest different contraction of the construction of the stories, and the eightest different contraction of the construction of the stories, and the eightest different took place on the Title tile, in Transa Mountes districtly contracted of anticontraction of the stories and the contraction of the construction of the contraction of the contrac

CURRENT PRICES OF STOCKS AND SHARES.

and the second s	
STOCK EXCHAI Ditto Account. 964 § Bitto Account. 964 § Hew 14 per Conts., 1913 § Reduced 5 per Cents., 1914 § Reduced 15 per Cents., 1914 § Long Ansotties, 17 9 P Rathenyare Bills, 67 49 pm. Bedjian Bonda, 5 per Cont., 1944 § Bratil, 5 per Cont., 1944 § Bratil, 5 per Cont., 1944 §	NOR, Sisturday marring, Turties o'clock. Dasiols, S per Cent., 46 3 Datts, 2 per Cent., 46 5 Datts, 5 per Cent., 46 5 Datts, 5 per Cent., 46 5 Portaguess, 5 per Cent., 46 1 Racolas, 5 per Cent., 16 1 Racolas, 5 per Cent., 16 1 Disto, 5 per Cent., 23 5 Disto, 5 per Cent., 23 5 Disto, 5 per Cent., 26 5 Datting, 6 per Cent., 26 5 Sections, 5 per Cent., 26 5 Sections, 5 per Cent., 27 5

BANK OF ENGLAND - Quarterly Average of the Weekly Linklittee and Assets,

A44014TTON	ARRETS.
Deposits	Buillon 11,190,000
Element of the 1 April 199	#34.777.000

Demoning-street, April 39.

PROMINGURY MOTES AND BULLION.—An account of the average aggregate amount of promisery notes, payable to bearer on demand, which have been in attendation in the United Kingdown, distinguishing theme elevated by the Bank of Regiand, by private banks, and by point-stock banks, in Engiand and Wales, by the banks in Stagland and Wales, by the banks in Stagland and Grant of the average amount of builton in the Bank of Engiand, during the 1st day of April, 1841 — Enchann : the Bank of Regiand, 19,609,0004.; private banks, 2,16,5001, 1865.—Enchann : the Bank of Regiand, 19,609,0004.; private banks, 2,416,5001, 1904-offsek hanks, 2,820,0004.—Scott, and Charterog private, and priest stock banks, 2,619,7404.—Total, 54,601, 2564. Fullton in the Bank of England, 1,425,0004.

The premium on gold at Paris is 13 per unifs, which, at the English Mint price of \$1,125. In the Paris of England, 1,410,0004.

The premium on gold at Paris is 13 per unifs, which, at the English Mint price of \$1,125. In the Paris of England and Paris on London at short being 25 \$12, 115 follows that gold is 670 per cent. decrey in London than in Paris.

By advices from Hamburgh the price of gold is 420 per mark, which, at the English mint price of 4, 17a, 1944, per causes the standard gold, gives an carbange of 13 11, and the exchange at Banburgh the price of gold is 420 per mark, which, at the English Mint price of 4, 17a, 1944, per causes the standard gold, gives an carbange of 13 11, and the exchange at Hamburgh the price of gold is 420 per mark, which, at the English Mint price of 4, 17a, 1944, per causes the standard gold, gives an carbange of 13 11, and the exchange at Hamburgh the price of gold is 420 per mark, which, at the English Mint price of 4, 17a, 1944, per causes the standard gold, gives an carbange of 13 11, and the exchange of 10 0 depart on London than in Hamburgh.

(From our own correspondents.)

LATERT PRICES OF IRINII STOCKS. — 5 per Cent. Consols. 966. to 95[L., 34]
Stock, 1915L, dilto How. 1805. 101[L., 34] per Cent. Debentores, 195L. Bonk Stock.
1844. — Rivagatown Railway, 1964. 5 Dublin and Drogheds. 564.—481ternian Bank.
2944. Revel Bank. 1961. 1. Provincial Bank. 404.—City of Dublin Steam Co., 1961. 481te Stock. 1804. 404. — Recam Ship Balifolds (Company, 404. Bellink and Frish
dillin, 864.—National Insurance Company, Stal., Patriotic, 751.—Mining Company
of Frihand, 1954. Wicklow Copper Mines, 1754.

of Fridanci, 1921. Working Copper Mines, 1921.

LEEPR, Turnanay.—The transactions in the share trade have been, during the last eight days, on the most insided scale. We must confess this not a little surprises us, as we had looked for a trick business in railway shock insendedically after the April dividends work paid, we first, however, there is a "cause" for this insactivity, which will prominently show Head theires accelers soonth passes over. The new French lines still cowapy considerable attention, although the reports respecting them are cateedingly send-radictory. During the past week London and Bisming hames have failed from \$124. to \$20'L, Great Westerne from 19. pm. to \$26'L pm. to \$26'L

HULL, Turnanav.—The market and quite so good this week, and prices rather former.—Hull and Butters, and another steek or two, forming carestions.—Eirming-ham & Burtey, 50t. to 50t.; Edinburgh and Olangow, 50t. to 50t.; Great North of Enghand, 50t. to 60t.; Let and Burtey, 50t. to 50t.; Edinburgh and Olangow, 50t. to 50t.; London and Burtey, 50t. to 10t.; London and Burtey, 50t.; London and Birghbon MAC.; Manchester and Lordon, 50t. to 5t., Middle Counties., 5d., November and English, 50t.; Northern and English, 5t.; North Midland, 5tt.; hold, Hull Burking Counties. So to 7t.—Hull Durk Company, 150t.; Hull Gas, 20t.; Hull Plan and Coulties Mills, 10tt.; Hull Marine Basecance, 110t.

to hid.—Brished Company, N. 41 to http:// Cithum, 144, to 154.

GLASCOW, Twomman, ... Balloudnery Railway, 7.2. Dunden and Arbroadh, 194., Edinburgh and Cimagon, but. Gardenian distingues, 194., Gilangere and Circumship, 164.; Gilangere, 194., Gilangere and Circumship, 164.; Gilangere, 194., Gilangere and Circumship, 164.; Commercial, 74.

Bank of Southand, 174.; Horad, 167.4.; Bettish Five and Life Incommon., 194., Commercial, 74.

Bank of Southand, 174.; Horad, 167.4.; Bettish Five and Life Incommon., 194., Commercial, 74.

Bank of Southand, 194., Southand Martine, 144. Broyal Kanhange, 244.—Child Circumship, Circumship, 194., Child Circumship, Circumship, 194., Child Circumship, Cithun, 194., Child Circumship, Circumship, 194., Child Circumship, Circumship, 194., Child Circumship, Circumship, 194., Child Circumship, Circumship, 194., Child Circumship, 194., Child Circumship, Circumship, 194., Child Circumship, 194., Dalketish Circumship, 194

Simpow and Ayeshire Endiway shares sell Stoppy.

RESINEURE: H. Yuruneaux — Edinthurgh and Changew Saliway, 544.; Dalketth and Shinchergh, 564.; Managew and Grouncash, 154.; Changew and Garchard, 564.; Dalketth and Shinchergh, 564.; Malayaw and Chromon, 564. Dandon and Archards, 154.; Mingow and Archards, 154.; Mingow Bank, 1654. Sell. Shincher and Chromon, 564. Dandon and Archards, 154.; Mingow, 154.; Min

BIRNINGHERM, Terranner ... Eccades and Birminghers Estimate, (nº 1 he (ndf.) combins and brightness, blaf. | Eccades and Birminghers, (ng.) to copi., (in. Western, fig.) to copi., (in. Western, fig.) to copi., (in. Western, fig.) to copi., (in. Mercanghers and differentially to copi., (in. Mercanghers and differentially to copi.) and disconnected to copi., (in. Mercanghers and differentially to copi.) and disconnected to copi. (in. Mercanghers and Chicagory, dipt. to copi., (in. Mercanghers, dipt.) because the copies of the copi

THE LONDON GARRYTS—BANKRUFTS

THERE'S CROSSING AND CONTROL AND MARKETS AND AND CONTROL OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS

THE SULPHUR TRADE.

Screen Marriage			10.162	10,000	ing.	100
PERSONAL COMMON PARTY NAMED IN COMMON PARTY					876	
America		186.51	N 100	0.874	31000	
Value Water					ACC.	
Ex other parks	HEND SHOW I	1.30		8,805	(rest	
				January Street,	III MANUS	

Sampled April 12, and sold at Andrew's Hotel, Redruth, April 27

Mines.	Tons.	Price.	Purchasers.	Mines.	Tous.	Price.	Perchasers.
United M.	. 151	F3 16 A.	. Nevill & Co	Trethellas	264.4	4 10 4.	. Mines Reval
ditto	130	4 14 6		ditto	764		. English Co.
ditto	124		. Virians.	ditto	32		Freemans.
4litto	116	4 15 4	. Nevill & Co.	Hallenbeg	.Tes		. Williams.
ditto	100	3 15 6.	a more	ditte	72	5 6 6.	. Mines Soval
ditto	Bil.	6 11 6	. English Co.	ditto	68	1 18 6.	. English Co.
Wito	Ald.		. Freemans.	ditto	29	4 2 4.	
ditto	96	8 5 6.	. English Co.	ditto	20	4 2 6.	. Mines Royal
ditto	258 .		, mount	ditto	20		Freemans.
ditta	25 4		. Mines Royal	Tresavens	181	4 18 6.	. Virians.
ditto	214.		. Freemans.	ditto	245	4 12 0.	
ditto	234 .		. Williams.	ditto	244	4 12 6	. English Co.
ditto	99	4 16 6.	. English Co.	ditto	244	4 12 6.	. Williams.
dillio	29	& 15 G.	a Annex	ditto	49 .	4 18 0.	
ditto	20	S 15 0.	. Freemans.	N. Downs.		6 5 6.	. English Co.
ditto	36	6 1 6		ditto	54 .	5 16 6.	
ditto	36		. English Co.	ditto	34		Freemans.
S.Caradon	161		Williams.	ditto	28	4 14 0.	Viviana.
- ditto	114		Nevill & Co.	ditto	23	5 IN G.	-
ditto	84		Williams.	Fower C.	120	5 H G.	Williams.
ditto	68	4 3 6	. Mines Royal	ditto	314 .	7 7 6.	Virtana.
ditto	178	5 9 6.	and the same of	ditto	304	7 7 6.	Freemans.
diffic	177		English Co.	ditto	2004		Navill & Co.
ditto	171		Williams.	Treleigh C.	. RU	4	Williams.
ditto	45 .		. P. Grunfella.	ditto	60 1	3 6 8.	-
Trethellan	68		. Williams.	Donnia's or	W18 1		Freemans.
AREAS.	67	8 6 6.		Wh. Busy			English Co.
ditto	66		Virians.	Wh. Uny .	.16	4 13 0	Nevill & Co.
ditto	60		ARTHURN	ditto	1 4	3 0	
			TOTAL PI	RODUCE.			
United Mis	ses 11	44	£5474 7 01	Fowey Cor	naola., 2	11	#1519 2 6
South Cars				Trulough C			
Frethellan	secce A			Dennis's o		28	
Latienheas	de 5	80	1158 19 0 1	Wh. Busy		17	
Treesveso.			1171 11 6	Wh. Uny	*****	14	
North Dow		24	1832 14 4				
Average			-Average a	enduce. 7	Average	-	U. 154 64

Average standard, 1101. 10s.—Average produce, 7.—Average price, 41. 15s. 6d. Quantity of ove, 5100 tons.—Quantity of flox copper, 272 tons 18 cmt.—Amount noncey, 13, 962. ns. 6d.—Average at standard of last sale, 1001. 8s.—Average pr

COMPANIES BY WHOM THE GRES WERE PURCHASED.

	Tona.	Amount.
Mines Royal Company	228	#1050 11 B
English Copper Company	6403	3270 2 I
Vivian and hons	466	2101 9 4
Freeman and Co	2944	1761 18 8
F. Grentell and Sons	46	279 9 4
Sima, Willyama, Nevill, Druce, and Co	6464	3100 E S
Williams, Foster, and Co	mag	4519 11 1

SALE OF COPPER ORES AT SWANSEA.

			amp	94	Apri	6 3	, 40	M	sold on the	2014	4	prsi,					
Stices	firms	-	Total core		Stant.	-	Pilos		Minte	Tues		Fredre		Stead	P	-	
Santiago	110		163		904 .	13			Cohre	. 94	**	124	**	954		11	
distre.	. 109		164		904	13			ditto						9	11	- 6
ditto								-	ditto							14	4
dikke									ditto								4
ditto	. 79		25.		864	20			ditto							2	
ditto							15	- 6	ditto	. 16		148		95	11	ā	
dilltrs.	. 87		244		mag	10	12	4	Bacuranao.							14	- 6
ditte							12		ditto								
Chill	. 100		178		90	14			di\$80							10	- 6
diffe.	. 96		2014		91	14	4		ditto	24		164		923	12	16	
ditto.							4		Culta							15	
dittio									ditto							1.8	
ditte					919				d2550	29		459		MG2 . 4	80		4
45550					96	42	1.9	4	Liandiduc	94		44		1284	3		
diffe					894	25	1.2		Ivy Bing								
dillies					mag .	24	19		ditto					1254			
455500						1.4	1		Cristopher					1465	1	1	-

Total tons, 2145.—Total amount, #31,008 16 0 TOTAL PRODUCE.

- 672. #11109 12 0 Cuba

- 610. 10107 17 0 Liandidoo.

202. 202. 5 0 fty Ring

- 613. 8042 6 6 Cristopher145 #3541 12 6

COMPANIES BY WHOM THE ORES WERE PURCHASED.

English Copper Company	4394		£3000	12	9	
Freeman and Co	TOWN		1542			
Grenfell and Boat	160		2941	1.0		
Sims, Willyams, Neville, Druce, and Co	1474	*******	2441			
Virtan and Some	Silvery.		9176	A		
Williams, Fuster, and Co	0.74		10006	2	4	
Mines Royal Company	42			2.8		
	(MOREMICAL)		refer to the same	-	HTERES.	
Total	27.45		ST BOX	1.00	-	

Copper over for sale May (a.—Knowkmahou 155, ditto 114, ditto 117, ditto 117, ditto 117, ditto 117, ditto 118, ditto 118,

CURRENT PRICES OF MATERIALS IN CORNWALL,

Common tron, per cwt	5·m	94	Darrow bends	24	04
Hald look square	1		About load		
Fire eighth dithe	. 7	и.	White ground lead	28	
Boot tough whim closic			Red load as about taken take		
Buther places	9		Tallow		
White Ethhia differ	1.0		Candles, per docum Nos		
House trees, parameters in the same			Compower, per 100 fbs	40	
Book radied tree			Leather breeds, per Ib.		26
Charcoal Iron	1.6		Roger	ast.	
Enelly dilities	11	4	Flat reput		
Mail lock differ	1.9		Hemp		
Milabored shoot	8.8		White years, per cut	(10)	
M 2 wheel	9.0		White rope	43	
Nacl rods	11		Engine shap		
Minora' aboveia	\$15		Missekholm far	78	
Etitoric about procedured	500	46	Licesed oil, per gallen	9	
Board sails	14		Rape differ property to the control of	4	
Half breat ditte	86		Brass wire sieves	40	
March diffe	19		from wire differ	25	
Bladf hatch diller	THE	8.	from wire work, per foot	1	
De. mails	14	0.	Muchine teethoms	1.0	
Five-mote spike diffi-	5.6	(8)	Balk saving assessed a read	A	
Channel differ	18.		Birch, per food	i.	4
19 libs, marit	100		Place 100 100 100 100	43	
14 dieter	10		Shored bills		
Create, per tree, at quar			Fire bills		

LATEST CURRENT PRICES OF METALS

					46.		4.
\$241744 - Foreign, bin .		2 %	29		- 10	Charen-Clid per lb. 4 6	
Fire darkware			91			Cake p. tons C 2 C to. \$5 4	
Fran Swaffiels Morel	. 10		34			Fox. cake 0 0 0 to 60 0	
West # 212 * 25	94	er its.	- 13		- 6	Nim 79 2 5 to 80 6	
lace - Bing-link ban, Ac		Book				"Tin-Region, blooks, &c. cwt. 1 2	
Mad rinks				58.	0		
Moneya						. Foreign, Sanca . 2 17 0 2 0	
- Shoots					-	Maratte 2 54 9 2 15	
Cargo in Walco						Personne P C F F F	
Plan No. 1, Water				10		Tito pitelion, No. IC. p. book 1 4 9 1 2	
Boy, L. Clarks						No. 13 1 10 0 1 10	
For Bendish	10		58			Washing its. p. hors loss	~
Banning, 1174	-		19	2.6		Laux-Shoot milled p. ton 17 10	
791			-	-	. "	Mind, palent	
10 0 000			3/9	50		Bad	-
to to Arminate	-		20.00	- 00	. *	White	ä
	-	Sees	N.P.			Pon-Langue Staglish - 16 to 8 to 18	ä
ROBBIT STREET, ST.		-	-	-		Bream 4 4 4 4 14 14	7
- F	-	-			-	- American I said in	-
Consider and the succession	-4	- 680			70		

EXPLANTATION OF YES PRESCRICT METALE. The following are the official contents of the expects of gods and allow from the part of Leaders for the week and tag desiration and

THE DAY		-		-	-		gare.	-		-
		m. 1	free Track	10-0		20000		. 1,000	-	
Military	Name	No.	Burdingston					- 14,000	16	
BANKS	make.	No.	No. of Concession,	No. of Sec.				45,000		
	-		Microson		20		a Aberlo	(F), (MA)	160	
	-		STREET, ST.	mil Su	- Alleren	Add		1,540	160	

PRICES; OF MINING SHARES.

Several inheresting notices connected with mining will be found in our present Number. The general character of, and the prospects held out by, the prospectures of two new mining companion are given under the head "New Companion,"—vir., the Corawall Gounty and General Tin and Copper Mining Company, and the Cultentraph Park Lead Mining Company. The re-opening of the Pen Park Rolls, near Bristol, which has been undertaken by a Cornible company of adventurers, to work for lead, will also be watched with instruct. By a short communication from the Brazifi, at will be seen that the Imperial Brazifian Mines are again improving, and that the directions purpose proposing a dividend out of profits at the next meeting-from interesting tabular master will be seen relating to the produce of the Cornible milion, which shows the gradous improvement which has taken place during the past year.

	BRITISH MINES.	BRITISH MINES-continued.
Share		Shares. Company. Paid. Price
261	Anglesey	120 Treviskey and Barrier 316
4,000	Bedford 1j 34	96 Tresavean 120
196	Botallack 175 1000	120 Trethelian 540
29,000	British Iron 70	4,000 United Hills 5 54
6,000	Blaenavun 10	6,600 Wicklow Copper 5 . 124
	Brewer 160	3,845 West Wheal Jewel 104., 17
	Budnick 15	120 West Trethellan 5 90
1,640	Carn Breu 15 150	49 Wheal Vor
5,000	Con.Tretoil MiningAss. 4 8	1,000 Wheal Bandon 4 6
2,000	Cornubian Lead Co 2 34	1,000 West Carbery 124
812	Cook's Kitchen 50	
112	Charlestowa 350	
124	Creeg Braws 40	FOREIGN MINES.
129		3,000 Alten Mining Company 134. 41
10,000	DurhamCountyCoalCo. 27	10,000 Angio Mexican Co 100 34
126		3,374 Do. Subscription 28 3
140	Great Consols 97 600	2,000 Holanos 150 4
18,500	Hibernian 124	Ditto Serip 15 42
1,000	Holmbush 14 45	10,000 Brazilian Imperial 21 #
2,000	Isle of Sark (Guernsey) 15	10,000 Bollvar 20
84	Levant 450	10,000 Ditto Scrip 10 . 2
20,060	Mining Co. of Ireland 7 124	10,000 Catalirance-Brazilian)
128	Mostyn Mines 100	Company] "
70	North Roskear 200	12,000 Cobre CopperCompany 48 28
	Polberon Crasols 10	8,500 Colombian Co. regis 35 1
128		10,000 Copiape Mining Co 134 . 9
0,000		20,000 General Mining Asso, 20
1,000	Roaring Water 4 8	5,351 Mexican Company 184
128	South Caradon 800	12,000 Mocnelius and Cocaes 25 46
100	South Towas 10 14	29,200 Mocnains and Cocass 25 44 29,200 (Bl.dei Monte, regis.) 292 (5
64	South Wheal Basset 300	
87	Spears Moor 70	Ditto Loan Notes 130 126
188	Tregolian 4	7,000 Royal Santiaco 10 24
	Treisigh Consois 5 26	11,600 St. John d'el Rey 15 6
6,000	Tamas Consola 3 94	10,000 United Mexican 40 24
G_DEE	Tiscroft 7 . 144	BlackScrip, addl. capital 5 5
128	Trewavas 130	Red New Scrip 14 4

RAILWAY SHARE LIST AND TRAFFIC RETURNS

Line.	Entire Lgth.	Now Open.	Present ac-		Val.of Share.	Last week's returns.
Arbroath and Forfar Railway	15	1.6	₫ 114.716	25	22	#141 7 10
Birmingham & Derby June.	414	484	1,149,035	100	Bird	1337 16 11
Sirmingham and Gioupester	86	33	1,460,641	100	34	1710 7 6
Brandling Junction	25	23	434,824	50	-	295 11 3
Chaster and Birkenhead	144	146	538,424	50	50	495 10 6
Dublin and Kingstown	6		848,202	100	107	764 10 11
Dunder and Arbenath	148	144	141,512	95	26	188 1 2
Durham and Sunderland	16	16	266,132	564	10	300 3 10
Eastern Counties*	126	81	2,494,936	23	10	2304 4 B
Ediaburgh and Glasgow	46	44	1,515,597	50	494	2014 18 B
Glasgow and Ayr	SI I	40	988,594	546	40	1070 8 8
Glasgow and Palaley Joint	224	223	730,299	25	25	697 11 B
lid. June. & Chester & Crows	115	1154	2,316,536	100	2014	6916 14 G
Great North of England	74	45	1,201,671	100	604	1467 7 8
ireat Western	1104	1184	6.140,R28	65	91 1	12798 4 8
dayle	10	10	125,000	100	-	-
inil and Solby	31	31	645,986	40	541	1065 13 . 0
ancaster & Preston June.	264	204	485,300	42	27 4	annex.
iverpool and Manchester	81	81	1,315,255	100	200	2794 16 3
London and Birmingham	1124	1124	8,922,412	100	2074	15650 13 9
.codon and Blackwall	38	34	1,225,874	144	54	649 2 7
condon and Brighton	44	46	2,500,645	Au.	344	3455 12 8
condon and Croydon	104	184	694,371	134	104	309 14 75
ondon and Greenwich	34	58	1,019,696	124	44	778 15 0
ondon and South Western	923	928	2,586,934	384	634	6100 1 45
danchester, Bolton, & Bury	10	10	777,967	51.0	546	679 16 04
fanchester & Birmingham	40	81	1,806,408	40	224	8637 16 9
fanchester and Leeds	80	40	3,660,266	7W	83	4749 19 11
fidland Counties	47	87	1,698,148	100	45	2544 9 2
lewenstin and Cartisis	61	41	1,061,060	100	78	1254 8 1
lewcastic and N. Shields	7	2	212,079	45	44	36a 11 4
forthern and Kastern?	32A	324	809,667	45	334	1615 8 1
forth Midland	728	728	2,3727,341	100	4.8	4133 5 3
forth Unions	22	12	619,819	78	754	945 18 7
reston and Wyre	15	10	817,496	5-8	246	179 6 7
heffield and Manchester	40	11	812,864	MIA.	324	823 5 4
conth. Eastern	87	64	1,000,007	80	254	2052 17 10
aff Vais-	30	30	3.30,723	100	100	flad 15 4
later	28	25	344,373	23	-	507 4 B
ork and North Midland	27	27	461,631	5.0	97 1	1108 T 4

THAMES TUNNEL.

The number of passengers who passed through the Tunnel in the work ending April 22, was 100,400, yielding a tevenue of #150 ns. 4d.

JOINT-STOCK BANKS

Shares.	Company. P	MIN.	Price	Wharen.	Company.	Pant.	Price
15,000	Australania	40	874	\$10,000	Liverpool Borough.	. 10	144
20,000	Strmingham	10	19	35,766	Ditto Bank of	124	10
21,000	British N. American	40	45	12,000	Ditto Banking Co.	10	-
10,000	Chellenh. A Giosceali.		17.4	\$6,0pe	Ditto Commercial	10 .	16
TON, DEF	Commercial of Eng		Mex.	2,000	Ditto Royal	\$00	FUCIA
1,000	Commer, of London 2	200	148	100,000	Manch. & Liver. Dia	. 13	10
211,000	Colonial	38	154	100,000	Manchester	10 .	44
Siz,min	East of England	10	24	56,066	Manchester & Sallisis	1 10 .	1.0
10,000	Chrocosterables	10	80	200,0000	National of Ireland	174.	148
4,000	Ionian,	25	24	10,000	Natl. Provi. Engiano	1.56	554
Locations.	Lords Banking Co	15	14	610,000	North & South Wales	4 10	
20,000	Lords & West Riding	44	84	215,000	Provincial of Ireland	1 23	444
\$4,000	London & Westminst.	20	268	20,000	South Lancashire	74.	
60,806	London Joint Stock	10	108	200,0000	W.of Eng. & S. Wales!	3.124	12
200,000	London and County	18	1.6	2%,1146	Union of Australia	99	84
In and	Liverpool Albien	25	296	\$5,000	Union of London	10	10

MISCELLAN BOUS

Shares. Company.	Paid.	Princ	Shares	Cumpany.	Paid.	Price
10,000 Anglo-Mexican Misc	18	13	2,146	Hungerford Market	pms	BIA
10,000 Anti Dry. Rot	196		1,4600	London Corn Exch.	874	20
10,806 Asphalte (Claridge)	4		8,100	London Caostchou	e . 120 .	15
10,000 Assess The Company	124	44	A _n index	London Countery.	30	1.0
10,600 Asseral Agricultural.	DM/A.	300	S, Henr	Lon. Rever. Int. So.	e. 18	
5,473 Australian Frust Co	. 33	345 6	15,510	Met. Pat. Wood Pari	mg 8	2
12,500 Biltomen Bastsone	34.		21,004	Mexican & S. Ameri	loam ?	8
10,000 Ditto Poloscens	2 .		100	New Branswick (L.	4.5 60	1.8
6,000 Best. Amor. Land Co.	354		7000	Producedor & Orien	And he	
4,700 Brit. Loan & Div. Inet	34.	78		Berer, Int. Boolety		
S. Stor Bell, Book & Pal. Salt	. 30	10		Acres Mail Steam. I		
April Canada Land Co	BIS	458	3,600	Micris's from Formale	7 45	94
Active E. C. of Con. Amr. Date	. Po	24	14,400	South Acorrains	80	17
A, rett Deutswich Palent Sall	25	1.00	5,080	Ship Owners' Town	or 74	3.8
2,700 Equilable Sever Soc.	88	61	4,8em	Thames Tunnel	. BO	
M. or ties. Boam Navig			16,0kd	Van Diemak's Land	1 . 168	
\$,000 Geo. Bever. Int. Sec.	100 .	90	4,000	W. Lon. & Westmer (C)	M. m.	35

COAL MARKET, LONDON.

COAL HABERT, LONDON.

NONDLY. — Prices of reads per ten at the close of the nearlest — Bushler's Wast Hardrey 16—thought Main 14—Charlest Main 15—Bushler's West Hardrey 16 for Hardrey 18 for Main 14 for Hardrey 18 for Landons 18 for Hardrey 18 for Charleste 19 for Hardrey 18 for Hardrey 18 for Landons 18 for Hardrey 18 for Hardrey 18 for Landons 18 for Hardrey 18